

ESTTA Tracking number: **ESTTA491021**Filing date: **08/24/2012**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

Proceeding	92054629
Party	Plaintiff Sheltered Wings, Inc.
Correspondence Address	JENNIFER L GREGOR GODFREY & KAHN SC ONE EAST MAIN STREET, SUITE 500 MADISON, WI 53703 UNITED STATES jgregor@gklaw.com, jpeterson@gklaw.com, apeterson@gklaw.com, docketing@gklaw.com
Submission	Other Motions/Papers
Filer's Name	Jennifer L. Gregor
Filer's e-mail	jgregor@gklaw.com, jschwartz@gklaw.com, apeterson@gklaw.com, jpeterson@gklaw.com
Signature	/Jennifer L. Gregor/
Date	08/24/2012
Attachments	Declaration of Ben Lizdas.pdf (5 pages)(32250 bytes) Lizdas Ex A_adv_BWD 1988-1992.pdf (19 pages)(1475255 bytes) Ex B Part 1.pdf (20 pages)(2053075 bytes) Ex B Part 2.pdf (20 pages)(2645511 bytes) Ex B Part 3.pdf (20 pages)(2106380 bytes) Ex B Part 4.pdf (15 pages)(1716286 bytes) Lizdas Ex C_adv_BWD Jul-Aug 2012_GOLDEN EAGLE.pdf (5 pages)(1628402 bytes) Lizdas Ex D_adv_Living Bird Spring 2012_RANGER and KENKO.pdf (7 pages)(2718481 bytes) Lizdas Ex E_adv_Birding May 2012_SWAROVSKI.pdf (6 pages)(2452742 bytes) Lizdas Ex F_adv_WildBird Mar-Apr 2012_NIKON.pdf (5 pages)(1180333 bytes) Lizdas Ex. G (black-white).pdf (7 pages)(960106 bytes) Lizdas Ex H_2011 Donations.pdf (4 pages)(13793 bytes) Lizdas Ex I_adv_Eagle Optics catalog 2003_Op Migration.pdf (6 pages)(835882 bytes) Lizdas Ex J_Centennial_Program.pdf (25 pages)(271527 bytes) Lizdas Ex K_Pelican Advertisement.pdf (2 pages)(967078 bytes) Lizdas Ex L_nwspartaward.pdf (2 pages)(76737 bytes)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD**

In re Registration No. 3,904,929)	
SHELTERED WINGS, INC.)	
Petitioner,)	
v.)	
WOHALI OUTDOORS, LLC)	
Respondent.)	

Cancellation No. 92054629

DECLARATION OF BEN LIZDAS

I, Ben Lizdas, declare as follows:

1. I am the Sales Manager of Eagle Optics, a division of petitioner, Sheltered Wings, Inc., and submit this declaration in support of petitioner's opposition to Wohali Outdoors, LLC's motion for summary judgment. I have been employed by Eagle Optics for 12 years, and have held my current position for 6 years. In my position as Sales Manager, I am responsible for coordinating the marketing activities of Eagle Optics and budgeting and tracking the company's marketing expenses and efforts. I have personal knowledge of the facts in this declaration and, if called upon, I could and would testify to these facts.

2. The Eagle Optics company markets and promotes its EAGLE OPTICS brand in several ways: through advertisements in the primary industry publications; attendance and participation at trade shows and events; donations and sponsorships; Internet advertising and promotional activities; as well as through Eagle Optics' blogs and newsletter.

3. Eagle Optics' advertising and marketing efforts have grown over the years, in

correlation with the growth of the company. As an example of some of Eagle Optics' early advertising, group **Exhibit A** comprises true and correct copies of representative EAGLE OPTICS advertisements that were published in Bird Watcher's Digest from 1988 through 1992.

4. More recently, for example, in the last five years, Eagle Optics has regularly placed advertisements in each of the major print publications targeted towards bird watchers, such as Bird Watcher's Digest, Birding Magazine, Indiana Outdoor News, Living Bird Magazine, Michigan Birds and Natural History, and WildBird Magazine. Attached as group **Exhibit B** are representative copies of proofs of advertisements that were published in these publications from 2009 to the present.

5. Additional representative advertisements are also attached here. **Exhibit C** is a true and correct copy of an advertisement for EAGLE OPTICS' GOLDEN EAGLE binocular and an advertisement for a SWAROVSKI binocular sold by the EAGLE OPTICS store published in the July/August 2012 edition of Bird Watcher's Digest. **Exhibit D** comprises a true and correct copy of two advertisements published in the Spring 2012 edition of Living Bird magazine: one is an ad for the EAGLE OPTICS RANGER binocular, and one is an ad for a KENKO binocular sold by the EAGLE OPTICS store. **Exhibit E** is a true and correct copy of an advertisement published in the May 2012 edition of Birding magazine for a SWAROVSKI binocular sold by the EAGLE OPTICS store. **Exhibit F** is a true and correct copy of an advertisement published in the March/April 2012 issue of WildBird magazine for a NIKON binocular sold by EAGLE OPTICS.

6. We also promote and market the EAGLE OPTICS brand through our attendance and participation at trade shows, festivals, and other events. For example, Eagle Optics representatives regularly attend and staff a booth at events including:

- Space Coast Birding and Wildlife Festival in Titusville, Florida
- Port Aransas Whooping Crane Festival in Port Aransas, Texas
- Chicago Audubon Society's Birding America event in Chicago, Illinois
- San Diego Bird Festival
- Canoecopia in Madison, Wisconsin
- Galveston Featherfest in Galveston Island, Texas
- Eagle Optics Days with Houston Audubon Society at High Island, Texas
- Florida's Birding and Fotofest, St. Augustine, Florida
- The Biggest Week in American Birding: Magee Marsh, Oak Harbor, Ohio
- Kachemak Bay Birding Festival, Homer, Alaska
- Detroit Lakes Festival of Birds, Detroit Lakes, Minnesota
- Rockport Hummingbird Festival, Rockport, Texas
- Midwest Birding Symposium, Lakeside, Ohio
- ABA (American Birding Association) Half Moon Bay, California
- Rio Grande Valley Bird Fest, Harlingen, Texas
- Festival of the Cranes at Bosque Del Apache, Socorro, New Mexico

7. Attached as **Exhibit G** are several images showing our EAGLE OPTICS booths at various tradeshow events in 2011 and 2012.

8. Some of the larger of these events and festivals include the Rio Grande Valley Bird Fest (attended by about 4,000 in 2011); Midwest Birding Symposium (attended by about 1,000 in 2011); The Biggest Week in American Birding (attended by about 32,000 in 2011); Space Coast (attended by about 5,300 in 2011); and Canoecopia (attended by about 25,000 in 2011).

9. As part of its promotional and marketing efforts, and to be a good citizen in the outdoor and bird watching communities, Eagle Optics also makes donations of money and products to certain organizations in the bird watching and hunting markets, and sponsors certain events and activities in these markets. For example, in 2011, Eagle Optics made donations to the 91 organizations listed in **Exhibit H**. Each of these donations was publicly acknowledged in programming materials offered by the recipient. Although the recipients of donations from Eagle Optics will vary a bit from year to year, the above list is typical of our donations in the last

five years.

10. Eagle Optics also does special donations or participates in partnerships with certain organizations on a case-by-case basis. For example, in 2003, Eagle Optics partnered with Operation Migration which promotes conservation and reintroduction of Whooping Cranes, an endangered bird species. As shown in **Exhibit I**, which was a highlight in the 2003 Eagle Optics catalog, Eagle Optics outfitted the volunteers of Operation Migration with binoculars and a spotting scope for their field operations and observations.

11. Another example is that Eagle Optics made a special edition PELICAN binocular to commemorate the U.S. Fish & Wildlife Service's centennial celebration of the Pelican Island National Wildlife Refuge in 2003. The profits from the sales of the PELICAN binocular were donated to the National Wildlife Refuge System, and EAGLE OPTICS was acknowledged in programming materials for the centennial celebration, in advertising, and with an award from the National Wildlife Refuge System. **Exhibit J** is a copy of the programming materials; **Exhibit K** is a copy of an EAGLE OPTICS advertisement for the PELICAN binocular; and **Exhibit L** is an image of Eagle Optics' National Wildlife Refuge System Centennial Partnership Award.

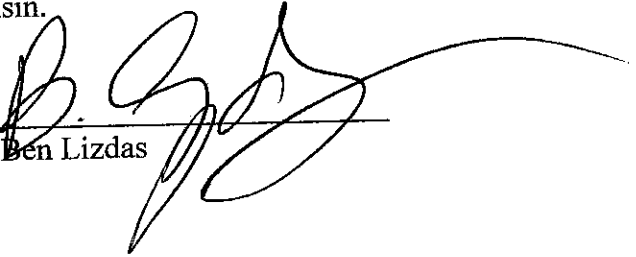
12. In addition to the promotional activities above, Eagle Optics also engages in several types of Internet advertising. For example, Eagle Optics places advertisements with Internet news providers and blogs, such as OutdoorNews.com and 10000Birds.com. Eagle Optics also purchases ads on Internet search engines such as Google, Yahoo! and Bing. Eagle Optics has a Facebook page with more than 4900 fans, and has a YouTube account where it has several instructional and promotional videos, collectively having more than 350,000 views since March 2008.

13. Eagle Optics also publishes its own newsletter, which is distributed to 16,000

people weekly, and its own blogs, such as the "Eagle Optics Blog" at www.eagleopticsblog.com, the "Birding Binoculars Q&A" at www.birdingbinoculars.com, and the "Binocular Reviews" at www.binocularreviews.org. Eagle Optics' main website at www.eagleoptics.com, and its blog websites receive approximately 41,000 unique visitors each month.

I declare under the penalty of perjury under the laws of the United States of America that the foregoing is true and correct.


Executed on August 23, 2012, in Middleton, Wisconsin.


Ben Lizdas

8315151

**EXHIBIT A
TO DECLARATION OF
BEN LIZDAS**



Eagle
Optics - 

- Zeiss • Nikon
- Bausch & Lomb • Swarovski
- Minolta • Fujinon • Kowa
- Celestron • Bushnell • Leitz
- Meade • Mirador • Tele Vue

Call or Write for
Information and Price List

1-800-289-1132

6109 ODANA RD. MADISON, WI 53719

THE "HIGH-LITE"™ BINOCULAR SUPPORT SYSTEM: 10×50 QUALITY BINOCULARS AND A PERSONAL SUPPORT DEVICE FOR FATIGUE-FREE, CLEAR, STEADY IMAGES.



ANY BINOCULAR
CAN HELP YOU FIND
YOUR SUBJECT. THE
"HIGH-LITE"™ SYSTEM
GIVES YOU STEADY
NONJITTERING VIEWS
FOR EXTENDED STUDY
OF FINE DETAILING,
SUBTLE COLORATION
AND BEHAVIOR.

FOR ILLUSTRATED BROCHURE, CALL OR
WRITE: CELESTIAL INNOVATIONS,
HCR BOX 3228, DEPT. W, ORACLE, AZ 85623
(602) 896-9109 (Patented)

(Patented)

WENTLING'S has the **HIGHEST QUALITY OF**
products and **customer service**. Complete
consultant **service**. **Research & Long**
experience. **Shipping**. 49th year
(717) 533-2468. **Horshey, PA 17033**

Books/Magazines/Videotapes

FLORA & FAUNA BOOKS—Large selection of natural history & horticulture books. New bird catalog available. Visit our store in Seattle. Open Monday-Saturday, 10-5, 121 1st Ave. S., Seattle, WA 98104. (206) 623-4727.

CHILDREN IN NATURE

"Nature Books for Children of All Ages"

- Plants & Animals • Ecology
- Nature's Workshop
- Fun & Games • Guide Books
- Coloring Books
- Outdoor Activities and more!

Send for your copy of today's finest selection of nature books for children

Send \$1.00

with your name and address to

CHILDREN IN NATURE
19030 Upper Lothmoor Drive
Brookfield, WI 53005

BIRD WATCHER'S DIGEST

NOVEMBER/DECEMBER 1988

[illegible]

AMERICA'S FINEST SQUIRREL-, STARLING-PROOF FEEDERS! Dialabird nest homes. Customized accessories. Free catalog. **KOPECKY**, 1220 W. Ridge Rd., Hypoluxo, FL 33462.

FEEDERS, BATHS & HOUSES for all birds. Quality, handcrafted, assembled with screws. FREE information. **SPECIAL!** Natural 16" spruce log suet feeder. \$12.95 Satisfaction guaranteed! **ALASKA WILD BIRD SUPPLY**, Box 520774, Big Lake, AK 99652.

CONVENIENT FEED CONTAINER to your door! Wild and caged birdseed, feeders and houses. FREE brochure! **MAIN COURSE**, Rt 2, Box 242A1, Shelburn, IN 47879.

BIRD FEEDERS, HOUSES, SPECIALTY FEEDS AND BIRD WATCHING SUPPLIES. For a complete mail-order catalog, send \$1.00 (refundable) to: **THE BARN OWL**, Dept. BWD, 2509 Lakeshore Dr., Fennville, MI 49408.




Old Favorite
Haunted Woods Birdhouse
now joined by a new face
Eye of the Pirate
Flexible Plastic Easily
Attaches to Tree!
Only \$10.50 each
(Postpaid)
Outside USA add \$2.00
SD Customers add 4% sales tax
Send for Our
Catalog of Unusual
Birding Supplies & Gifts
KEMPF'S
P.O. Box 504
Woonsocket, SD 57385



FINELY CRAFTED SUET FEEDER

- Hardwood circles
- Natural Birch dowling
- Economical & attractive
- 7 3/4" x 4"

\$19.95 each
SATISFACTION GUARANTEED
ADD \$2.50 for shipping & handling.
MA residents add 5% sales tax.
MC/VISA check or M.O.

Suet Circle
P.O. Box 601, Dept. D1,
Marston Mills, MA 02648
(508) 420-1576

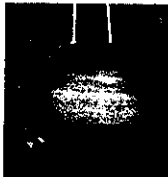
FEEDERS, BLUEBIRD, CHICKADEE, WREN HOUSES. Western cedar, \$8.00 each. FREE CATALOGUE. **GREGG'S BIRDHOUSES**, Route 2, Box 233BWD, Boaz, AL 35957.

DISCARDED ITEMS FOR WILDBIRD: Cat excluder; Feeder; Suet feeder with excluder; Stocktank safe and accessible. Instructions SASE & \$3.00 each; four \$10.00. **DURKEE**, P.O. Box 1204, BWD1, Beaver, OK 73932.


CREATE A WILDBIRD OASIS. Send for free catalog. Unique supplies for bird feeding-watering-nesting-viewing-identifying & caring. Helpful tips for creating a wildlife habitat in your yard year 'round. Satisfaction guaranteed. **WILDLIFE OASIS**, 134 Hall Hill, Somers, CT 06082 or call (203) 749-8987.

BIRDS LOVE A HOT TUB. Build all season heated birdbath. Easy instructions, photos. \$3.00. **NORTH WOODS**, Box 4347, Grayling, MI 49738.

STARLINGS HATE IT!
WOODPECKERS DELITE



**TOP LOADING
BOTTOM SUET
FEEDER. SOLID
RED CEDAR**
**\$12.95 POST
PAID. IND. RES.
ADD 5% TAX.**




5140 MADISON AVE.
INDIANAPOLIS, IN 46227

Sunflower Delight

Sunflower lovers
can't resist this
handsome cedar
black oil feeder.

2 lb. capacity \$24.50 ppd





P.O. Box 928 Geneva, NY 14456

Bird Watching Supplies

BINOCULARS SALES AND SERVICE. Repairing binoculars since 1923. Alignment performed on our U.S. Navy collimator. Free catalogue and our article "Know Your Binoculars" published in *Audubon* magazine. **MIRAKEL OPTICAL CO., INC.**, 331 Mansion St., West Coxsackie, NY 12192. (518) 731-2610.

HERB KOEHLER, SERVICE TECHNICIAN WITH 42 YEARS EXPERIENCE will gladly advise you on repairs to your binocular or scope. No obligation for estimates. **TELE-OPTICS**, 5514 Lawrence Ave., Chicago, IL 60630.

OPTICS HEADQUARTERS FOR BIRDERS SINCE 1960. Offering selection advice, 24-hr. shipping, deep discounts on ten most popular brands. Plus: six tripods, special cases, shoulder & window mounts, harnesses, tripod & camera adapters & more. Literature & prices on request. **BIRDING**, P.O. Box 4405W, Halfmoon, NY 12065. (518) 664-2011.

Authorized Dealer for the World's Finest in Binoculars & Spotting Scopes

Leitz - Zeiss - Swarovski - Questar - Leupold
Nikon - Bausch & Lomb - Mirador - Kowa
Swift - Celestron - Meade - TeleVue
Bushnell - Minolta - aus Jena

Information & Price List Available
6109 Odona Rd., Madison, WI 53719
(608) 271-4751

Eagle Optics


Toll Free Order Line
(800) 289-1132

aus JENA BINOCULARS (GERMANY): Experience the ultimate in brilliance and clarity! Europe's largest manufacturer of finest quality binoculars. Consumer and dealer inquiries invited. **EUROPTIK, LTD.**, Box 319-W, Dunmore, PA 18509. (717) 347-6049.

BINOCULARS & SPOTTING SCOPES. Zeiss, aus JENA, Swarovski, Nikon, Bausch & Lomb, Bushnell, Swift, Kowa. We buy used Zeiss, Swarovski and repair all brands. USA Warranties. **OPTICAL ADVANTAGE**, Box 32791W5, Baltimore, MD 21208. (301) 653-3306.

BEST BINOCULAR/SCOPE PRICES. Call or write for new price list & professional advice. **TBR OPTICAL**, 850 Hudson Ave., Dept. SO, Rochester, NY 14621. (716) 544-2162.

GUARANTEED LOWEST BINOCULAR PRICES! Carrying Leitz, Zeiss, Swift, Mirador, Bushnell, etc. Write for price list: **SWAN OPTICAL**, P.O. Box 675601, Dept. BD, Marietta, GA 30067.



The
"high-lite"
binocular
support

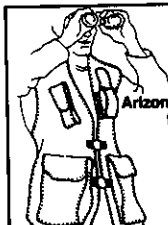
Now you can see it at the
Audubon Convention in Tucson,
AZ Sept. 12-16, 1989. Now you
can buy it from **Stellar Vision**
1825 Alvernon Tucson, AZ
(602) 571-0877

The
LINK
Binocular and Camera Strap TM

- No weight on neck
- No scratched equipment
- Cut down on swaying
- Adjustable

\$7.50 postpaid (IL Res. add 45¢)
Send check or M.O. to:
The Birder's Connection
2521 College Rd.
Downers Grove, IL 60516
(312) 852-9615 Dealer Inq. Invited
Money back guarantee.





At least a vest for the unique
needs of the birdwatcher.
Designed by birders in the
multi-climated state of
Arizona, Birders' Buddy is suitable
for desert heat and the most
severe winter conditions.

Birders' Buddy Now
you can have your books,
glasses, lens caps, and even a
pencil within easy reach while your
hands are free to use your binoculars.
And there's room too for your
lunch and sweater on your back!

\$55.00
PLUS \$3.00
SHIPPING & HANDLING

SEND FOR FREE BROCHURE

• DESERT TAN POPLIN
• TWO BUCKLES—BULGED OR LVL
PLEASE SEND CHECK OR MONEY ORDER TO:
BIRDERS' BUDDY • 330 S. ASH LANE • DEPT. D • FLAGSTAFF, AZ 86004
• AZ RESIDENTS PLEASE ADD 9% SALES TAX

Bird Housing/Feeding Supplies

TOP QUALITY HANDCRAFTED BIRDHOUSES & FEEDERS. Built to last. Free brochure. **ISLAND BIRDHOUSE COMPANY**, 315 Edinboro Rd., Staten Island, NY 10306.

Hummingbirding is knowledge & caring feeding of visiting hummingbirds—nutritious, uncontaminated, unpolluted food sources are their right for survival...

We can make a difference by making our gardens & outdoor living areas safe & attractive for hummingbirds & supplementing their degraded 'natural' fare with nutritious food we know they need...For Hummerline send SASE to:

Woodworld Hummingbirding Society (WWHS) 218 Buena Vista Ave. Santa Cruz, CA 95062

CREATE A WILDBIRD OASIS. Send for free catalog. Unique supplies for bird feeding—watering—nesting—viewing—identifying & caring. Helpful tips for creating a wildlife habitat in your yard year 'round. Satisfaction guaranteed. **WILDLIFE OASIS**, 134 Hall Hill, Somers, CT 06071 or call (203) 749-8987.

WILD BIRD SEED HEADQUARTERS "Only Quality Seeds"

- Excellent Prices/Quality Seeds
- All Types of Feeders & Houses
- Princess Anne "Gourmet" Birdseed
- Bay-Mor Distributor
- All Types of Specialty Seeds

Call/write for our 1990 Catalog FREE:

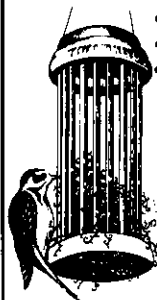
Princess Anne Farmers' Service
5651 Va. Beach Blvd., Dept. B
Norfolk, VA 23502
(804) 461-1580

"Family owned since 1948"
"Home of the Bird Doctor"
"We're Not Fancy...But We're Good"



FINELY CRAFTED SUET FEEDER

- Hardwood circles
- Natural Birch dowling
- Economical & attractive
- 7 3/4" x 4"



\$19.95 each
SATISFACTION GUARANTEED
ADD \$2.50 for shipping & handling.
MA residents add 5% sales tax.
MC/VISA check or M.O.

Suet Circle

P.O. Box 601, Dept. D1,
Marston Mills, MA 02648
(508) 420-1576

Old Favorite Haunted Woods Birdhouse

now joined by a new face
Eye of the Pirate
Flexible Plastic Easily
Attaches to Tree!

Only \$10.50 each
(Postpaid)

Outside USA add \$2.00
SD Customers add 4% sales tax

Send for Our
Catalog of Unusual
Birding Supplies & Gifts

KEMPF'S

P.O. Box 504
Woonsocket, SD 57385



CEDAR BLUEBIRD HOUSES, \$9.00 ppd. Kits \$7.00 ppd. Three or more—quantity pricing. Guaranteed. Brochure. **John Holm**, 2014 Ave. G, Gothenburg, NE 69138. (308) 537-2323.

HOUSES, PLATFORMS, BOXES, SHELVES/ 26 nesting sites. Each designed for particular bird. Also winter roosts. Informative catalog. Visa/MasterCard. **WILDLIFE STUDIO BWD**, 7 Patten Road, Bedford, NH 03102. (603) 668-8979.

BIRD FEEDERS, HOUSES, SPECIALTY FEEDS AND BIRD WATCHING SUPPLIES. For a complete mail-order catalog, send \$1.00 (refundable) to: **THE BARN OWL**, Dept. BWD, 2509 Lakeshore Dr., Fennville, MI 49408.

FEEDERS & HOUSES FOR ALL BIRDS. Quality handcrafted. Dealer inquiries invited. **ALASKA WILD BIRD SUPPLY**, Box 520774, Big Lake, AK 99652.

BLUEBIRD HOUSE—\$9.00; **BAT HOUSE**—\$12.00. Assembled, postpaid. Twelve other types. Free brochures. **WHITE'S BIRDBOX CO.**, 5153 Neff Lake Rd., Brooksville, FL 34601.

BIRD SEED 50 LB. BAGS. Thistle—\$43.00, Sunflower—\$30.00, Finch Mix—\$37.40, Sunflower—\$17.30. Shipping charges collect. MasterCard/Visa welcome. **MELLINGER'S**, BWDE, North Lima, OH 44452-9731.

HONEST-TO-GOODNESS QUALITY. Bird houses and feeders handcrafted from northern white cedar. Designs for wrens to woodpeckers. Free brochure. **FOR THE BIRDS!**, Box 491D, Hovland, MN 55606.

FEED BIRDS. NOT SQUIRRELS! Our bird feeder is 100% squirrel-proof! Money back guarantee. FREE brochure. **COURTYARD-BWD**, 21 W. 120 Irving Park, Itasca, IL 60143.

AMERICA'S FINEST SQUIRREL-, STARLING-PROOF FEEDERS! Dialabird nest homes. Customized accessories. Free catalog. **KOPECKY**, 1220 W. Ridge Rd., Hypoluxo, FL 33462.

UNUSUAL OPPORTUNITY to participate in American Kestrel research and conservation. Join Windhover. Send SASE for information: **WINDHOVER**, Box 335-BH, Gansevoort, NY 12831.

BIRDHOUSES, BIRDHOUSES, BIRDHOUSES. HOW TO BUILD your friends a birdhouse and SAVE \$\$\$\$\$. Send for FREE INFORMATION: **SERY'S CREATIONS**, 2433 S. 74th St., West Allis, WI 53219

NEW YEAR, NEW FRESH START! Wild and caged birdseed, feeders and houses. FREE brochure! **MAIN-COURSE**, Route 2, Box 242A1, Shelburne, IN 47879.

FEEDERS, NESTING BOXES—Handcrafted of natural cork bark. Field tested for years of bird watching enjoyment. Most unique birding items on the market. (301) 296-3204. Free brochure. **CHESA-PEAKE CREATIVE ARTS**, P.O. Box 444-B, Riderwood, MD 21139.

Bird Watching Supplies

FREE LIST & LITERATURE, QUALITY OPTICS. Binoculars & Spotting scopes. Complete line Zeiss, Swarovski, Bausch & Lomb, Bushnell, Swift, Leupold, Nikon, Fujinon, Leitz. Experienced consultant. Immediate shipping. 50th year. **WENTLING'S**, Box 355D, Hershey, PA 17033. (717) 533-2468.

WILDLIFE PHOTOGRAPHY—Dedicated to the pursuit and capture of wildlife on film. Free information: **WILDLIFE PHOTOGRAPHY**, P.O. Box 224-D, Greenville, PA 16125.

DUPLICATE 35mm SLIDES. Over 200 species in closeup. Excellent for education. Free list. **MAS-LOWSKI WILDLIFE PRODUCTIONS**, 1219 Eversole Rd., Cincinnati, OH 45230. (513) 231-7301.

Authorized Dealer for the World's Finest in Binoculars & Spotting Scopes

Leitz • Zeiss • Swarovski • Questar • Leupold
Bausch & Lomb • Mirador • Kowa • Celestron
Swift • Meade • TeleVue • Bushnell • Nikon
Minolta • aus Jena • Vernonscope

Information & Price List Available

6109 Odana Rd., Madison, WI 53719
(608) 271-4751

Eagle Optics

Toll Free Order Line
(800) 289-1132



HOUSING A WREN

- 1" Entrance Hole
- Easy to Hang
- Natural Cypress Slats
- Beige Aluminum Roof
- Bottom Removes Easily for Cleaning

\$16.00 EACH

SATISFACTION GUARANTEED
ADD \$2.50 for Shipping & Handling — Fla. Residents Add 6% Sales Tax
No Shipping to Canada — Send Check or M.O. to:

CREATIVE IMPRESSIONS


P.O. BOX 8589 • SARASOTA, FL 34278 • 813-855-2066



The
LINK
Binocular and Camera Strap™

- No weight on neck
- No scratched equipment
- Cut down on swaying
- Adjustable

\$7.50 postpaid (IL Res. add 45¢)
Send check or M.O. to:
The Birder's Connection
2521 College Rd.
Downers Grove, IL 60516
(312) 852-9615 Dealer inq. Invited
Money back guarantee.



GUARANTEED LOWEST BINOCULAR PRICES!
Carrying Leitz, Zeiss, Swift, Mirador, Bushnell, etc. Write for price list: **SWAN OPTICAL**, P.O. Box 675601, Dept. BD, Marietta, GA 30067.

Authorized Dealer for the World's Finest in Binoculars & Spotting Scopes

Leitz • Zeiss • Swarovski • Questar • Leupold
Bausch & Lomb • Mirador • Kowa • Celestron
Swift • Meade • TeleVue • Bushnell • Nikon
Minolta • aus Jena • Vernorscope

Information & Price List Available
6109 Odana Rd., Madison, WI 53719
(608) 271-4751

Eagle Optics

Toll Free Order Line
(800) 289-1132



Now available to fit many binoculars, the "high-lite" binocular support. Your binoculars provide the clear image; the support keeps it steady for extended enjoyment and study.

Celestial Innovations
H.C.R. Box 3228 • Oracle, AZ 85623
(602) 896-9109



TOTE-A-POUCH



- Ideal for Backpackers, Skiers, Photographers, Naturalists
- Holds 2 Standard Field Guides
- Attaches to Belt or Belt Loops
- Durable Cordura Nylon
- Flap Seals by Velcro
- 8 1/2" x 5" x 2 1/4"
- Charcoal Gray
- Waterproof


Send Check or M.O. to
C&J Specialties
P.O. Box 3402
Englewood, CO 80155
(303) 741-2942

Colorado residents add 3.6% sales tax
Money back guarantee. Dealer inquiries invited

Books/Magazines/Videotapes

WILDLIFE PHOTOGRAPHY—Dedicated to the pursuit and capture of wildlife on film. Free information: **WILDLIFE PHOTOGRAPHY**, P.O. Box 224-D, Greenville, PA 16125.

The Chickadee Nature Store




Field Guides for the U.S. & the World
Optics, Recordings, Checklists

1330-L Wirt
Houston, TX 77055
(713) 956-2670

Send \$1.00 for catalog (refundable on 1st order)

BIRDWATCHER'S Life List & Diary



Based on the A.O.U. Checklist. An essential complement to field guides. 832 species listed, with space to record sighting date, locality and other notes for each.

Cross-referenced to Peterson's, Nat'l Geographic and Golden field guides. Acid free paper & sewn binding. N. American range map; hardcover, 232 pps.

Send \$14.95 each plus \$2.50 ship/handle to:
Culpepper Press
Dept. BD
2901 Fourth St. SE
Mpls., MN 55414
MN residents add 6% sales tax.

BIRD BOOKS

Just Published
A Guide to the Birds of Costa Rica
\$37.50 postpaid

Patricia Ledlie Bookseller, Inc.
Natural History Books
One Bean Rd.
P.O. Box 90BWD
Buckfield, ME 04220
(207) 336-2778

Free Quarterly Catalogues
Telephone Inquiries Welcome

FLORA & FAUNA BOOKS—New and used books on birds, herpetology, natural history literature, horticulture, botany. Free catalogues, specify interest. Visit our store in Seattle, open Monday-Saturday, 10 a.m.-5 p.m., 121 First South Street, Seattle, WA 98104. (206) 623-4727.

RARE OUT-OF-PRINT Natural History Books. Free catalog. Satisfaction guaranteed. **MARCHER'S BOOKS**, Dept. BWD, 6204 N. Vermont, Oklahoma City, OK 73112.

NATURAL HISTORY & BIRDING BOOKS DISCOUNTED. For current catalog send \$1.00 to **DOUG KIBBE**, Box 34, Maryland, NY 12116.

FREE CATALOG OF BOOKS FOR BIRDERS. Hard-to-find classics by Audubon, Phillips, others. Bent Life History series. Borrow bird song cassettes, bird identification posters, much more. Write **DOVER PUBLICATIONS**, Dept. A283, 31 E. Second St., Mineola, NY 11501.

OUT-OF-PRINT BIRD BOOKS. Send \$2.00 for quarterly catalogue. **PEACOCK BOOKS**, Box 2024-BW, Littleton, MA 01460.

DISTRIBUTIONAL CHECKLIST OF NORTH AMERICAN BIRDS. DeSante and Pyle. Compendium of all state and province checklists with complete status and abundance information and space to keep your own lists. 51 magnificent full-page drawings. 456 pages hardbound. \$29.95. **ARTEMISIA PRESS**, Box 119e, Lee Viking, CA 93541.

ORNITHOLOGY BOOKS: classic works of the Americas. List available. **R&V GUESS**. Fine and rare books, P.O. Box 1176, Santa Barbara, CA 93102.

HUMMINGBIRD VIDEO: Professionally prepared, high-speed shutter videography with super slow motion showing amazing details of wing action. \$28.95 + \$3.00 P&H. VHS or BETA. **FOOTHILLS VIDEO PRODUCTIONS**, 1884 E. Main St., Spartanburg, SC 29302.

BIRD & NATURE POSTCARDS, N.W.F. stamps & albums, soda cards, books, magazines and other paper collectibles. See article Nov/Dec 1987 issue for information. **GEORGE BUDD**, 6910 Tenderfoot Lane, Cincinnati, OH 45249.

Computer Supplies

The Best Gets Better

Now more than ever, **PLOVER** is the finest and most versatile birding program. Not merely a listing program, but a fully-integrated program for observations, notes, checklists and life lists. **Version 4.0**, adds many new, innovative features.

"An excellent bargain for the money."
—Charles Keller, BWD

IBM PCs. Still only \$68. Add tax in CA.

Sandpiper Software
153 Michelle Circle, Novato, CA 94947

Bird Brain™



A Birding Data Base for the Macintosh

Toll free 1-800-747-0700

Write or call for free brochure.
Ideafarm Inc. P.O. Box 1540, Fairfield, Iowa 52556

COMMODORE 64 and IBM-PC OWNERS

A powerful, affordable birding program, **BIRDLIST** features easy sighting entry and report printing. Adds, updates, sorts, searches!! Organize your lists and photo records NOW!! At only \$29.95 for C-64 or \$34.95 for IBM-PC, it's an ideal gift, too. **PROMPT Shipment... Order TODAY!!**

BIRDLIST
111 Main St., Box 68-C
Burbank, WA 99323
(509) 545-5477




BLUEBIRD HOUSE—\$9.00; BAT HOUSE—\$12.00. Assembled, postpaid. Twelve other types. Free brochures. **WHITE'S BIRDBOX CO.,** 5153 Neff Lake Rd., Brooksville, FL 34601.

It's New
TRAP-IT™
(ant trap) patent pending



Wildlife Accessories introduces the Trap-It, designed to protect hummingbird and oriole feeders from ants and other insects. Trap-It is filled with water and inserted between the hanger and feeder, providing a barrier to crawling pests. Trap-It is molded out of weather-resistant red plastic and holds six ounces of water. The device has two 3/8 inch, inside diameter hangers. Trap-It sells for \$4.00 each ppd., with quantity discounts available. Contact:

Wildlife Accessories
Rt. 5 Box 488
Cynthiana, Kentucky 41031
(606) 234-1281 or (606) 258-0114

PART NO. S-10008

Old Favorite Haunted Woods Birdhouse
now joined by a new face
Eye of the Pirate
Flexible Plastic Easily Attaches to Tree!
Only \$10.50 each
(Postpaid)
Outside USA add \$2.00
SD Customers add 4% sales tax
Send for Our Catalog of Unusual Birding Supplies & Gifts
KEMPFF'S
P.O. Box 504
Woonsocket, SD 57385



HOUSING A WREN



- 1" Entrance Hole
- Easy to Hang
- Natural Cypress Slats
- Beige Aluminum Roof
- Bottom Removes Easily for Cleaning

\$16.00 EACH
SATISFACTION GUARANTEED
ADD \$2.50 for Shipping & Handling — Fla. Residents Add 6% Sales Tax
No Shipping to Canada — Send Check or M.O. to:
CREATIVE IMPRESSIONS
P.O. BOX 8589 • SARASOTA, FL 34278 • 813-955-2066

HUMMINGBIRDING IS KNOWLEDGE & CARING FEEDING OF VISITING HUMMINGBIRDS—NUTRITIOUS, UNCONTAMINATED, UNPOLLUTED FOOD SOURCES ARE THEIR RIGHT FOR SURVIVAL...WE CAN MAKE A DIFFERENCE BY MAKING OUR GARDENS & OUTDOOR LIVING AREAS SAFE & ATTRACTIVE FOR HUMMINGBIRDS & SUPPLEMENTING THEIR DEGRADED 'NATURAL' FARE WITH NUTRITIOUS FOOD WE KNOW THEY NEED...FOR HUMMERLINE
SEND SASE TO
WOODSWORLD HUMMINGBIRDING SOCIETY (WWHS)
218 BUENA VISTA AVENUE
SANTA CRUZ, CA 95062.

BIRDHOUSES, BIRDHOUSES, BIRDHOUSES. HOW TO BUILD your friends a birdhouse and SAVE \$\$\$\$\$. Send for FREE INFORMATION: **SERYS CREATIONS**, 2433 S. 74th St., West Allis, WI 53219.

AMERICA'S FINEST SQUIRREL-STARLING-PROOF FEEDERS! Dialabird nest homes. Customized accessories. Free catalog. **KOPECKY**, 1220 W. Ridge Rd., Hypoluxo, FL 33462.

BIRD FEEDERS & HOUSES. Quality hand-crafted. All natural red cedar construction. Designed and built for years of enjoyment. Satisfaction guaranteed. Free catalog. **THE BIRD CATERERS**, P.O. Box 394, Hustisford, WI 53034-0394.

Bird Watching Supplies

QUESTAR 3-1/2" TELESCOPE. Quartz mirror w/ coatings. Camera adapter. Used once \$2200.00. **LEITZ 10x40 binoculars** unused \$700.00. **ZEISS 7x50 \$300.00.** (408) 724-8188.

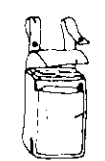
BINOCULARS SALES AND SERVICE. Repairing binoculars since 1923. Alignment performed on our U.S. Navy collimator. Free catalogue and our article "Know Your Binoculars" published in *Audubon* magazine. **MIRAKEL OPTICAL CO., INC.**, 331 Mission St., West Coxsackie, NY 12192. (518) 731-2610.

DUPLICATE 35mm SLIDES. Over 200 species in closeup. Excellent for education. Free list. **MASLOWSKI WILDLIFE PRODUCTIONS**, 1219 Eversole Rd., Cincinnati, OH 45230. (513) 231-7301.

OPTICS HEADQUARTERS FOR BIRDERS SINCE 1960. Offering selection advice, 24-hr. shipping, deep discounts on ten most popular brands. Plus: six tripods, special cases, shoulder & window mounts, harnesses, tripod & camera adapters & more. Literature & prices on request. **BIRDING**, P.O. Box 4405W, Halfmoon, NY 12065. (518) 664-2011.

aus JENA BINOCULARS (GERMANY): Experience the ultimate in brilliance and clarity! Europe's largest manufacturer of finest quality binoculars. Consumer and dealer inquiries invited. **EUROPTIK, LTD.**, Box 319-W, Dunmore, PA 18509. (717) 347-6049.

TOTE-A-POUCH




• Ideal for Backpackers, Skiers, Photographers, Naturalists
• Holds 2 Standard Field Guides
• Attaches to Belt or Belt Loops
• Durable Cordura Nylon
• Flap Seals by Velcro
• 8 1/2" x 5" x 2 1/2"
• Charcoal Gray
• Waterproof

Send Check or M.O. to
C&J Specialties
P.O. Box 3402
Englewood, CO 80155
(303) 741-2942

Colorado residents add 3.6% sales tax
Money back guarantee. Dealer inquiries invited.

At least a vest for the unique needs of the birdwatcher. Designed by birders in the multi-climated state of Arizona, **Birders' Buddy** is suitable for desert heat and the most severe winter conditions.



Birders' Buddy Now you can have your books, glasses, lens caps, and even a pencil within easy reach while your hands are free to use your binoculars. And there's room too for your lunch and sweater on your back!

\$55.00
PLUS \$2.00 SHIPPING & HANDLING

SEND FOR FREE BROCHURE
1-800-955-1951

• DESERT TAN POPLIN
• TWO BODIES—SHIRTED OR L-L
PLEASE SEND CHECK OR MONEY ORDER TO:
BIRDERS' BUDDY • 330 E. ASH LANE • DEPT. D • FLAGSTAFF, AZ 86004
• AZ RESIDENTS PLEASE ADD 5% SALES TAX.

The LINK
Binocular and Camera Strap™



- No weight on neck
- No scratched equipment
- Cut down on swaying
- Adjustable

\$8.00 postpaid (IL res. add 5%)
Send check or money order to:
The Birder's Connection
2521 College Rd.
Downers Grove, IL 60516
(708) 852-9615
Free brochure • Moneyback guarantee
Dealer inquiries invited

FREE LIST & LITERATURE, QUALITY OPTICS. Binoculars & Spotting scopes. Complete line Zeiss, Swarovski, Bausch & Lomb, Bushnell, Swift, Leupold, Nikon, Fujinon, Leitz. Experienced consultant. Immediate shipping. 50th year. **WENTLING'S**, Box 355D, Hershey, PA 17033. (717) 533-2468.

Authorized Dealer for the World's Finest in Binoculars & Spotting Scopes

Leitz • Zeiss • Swarovski • Questar • Leupold
Bausch & Lomb • Mirador • Kowa • Celestron
Swift • Meade • TeleVue • Bushnell • Nikon
Minolta • aus Jena • Vernonscope

Information & Price List Available
6109 Odana Rd., Madison, WI 53719
(608) 271-4751

Eagle Optics

Toll Free Order Line
(800) 289-1132




When the naked eye isn't enough, you need a guide... **NEW!** **OUTDOOR OPTICS** by Leif J. Robinson

"A superb guide to getting the best in binoculars and scopes." —Donald & Lillian Stokes, Stokes Nature Guides

Optics
LEIF J. ROBINSON

\$13.95 pb. Send check, plus \$2.00 postage to: Lyons & Burford, 31 W. 21 St., New York, NY 10010



Books/Maps/Videotapes

OUT-OF-PRINT BIRD BOOKS. Send \$2.00 for quarterly catalogue. **PEACOCK BOOKS**, Box 2024-BW, Littleton, MA 01460.

HUMMINGBIRD VIDEO: Professionally prepared, high-speed shutter videography with super slow motion showing amazing details of wing action. \$28.95 + \$3.00 P&H. VHS or BETA. **FOOTHILLS VIDEO PRODUCTIONS**, 1884 E. Main St., Spartanburg, SC 29302.

FLORA & FAUNA BOOKS — New and used books on birds, herpetology, natural history literature, horticulture, botany. Free catalogues, specify interest. Visit our store in Seattle, open Monday-Saturday, 10 a.m.-5 p.m., 121 First South Street, Seattle, WA 98104. (206) 623-4727.

BIRD FEEDERS & HOUSES. Quality hand-crafted. All natural red cedar construction. Designed and built for years of enjoyment. Satisfaction guaranteed. Free catalog. **THE BIRD CATERERS**, P.O. Box 394, Hustisford, WI 53034-0394.

HUMMINGBIRDING IS KNOWLEDGE & CARING FEEDING OF VISITING HUMMINGBIRDS—NUTRITIOUS, UNCONTAMINATED, UNPOLLUTED FOOD SOURCES ARE THEIR RIGHT FOR SURVIVAL...WE CAN MAKE A DIFFERENCE BY MAKING OUR GARDENS & OUTDOOR LIVING AREAS SAFE & ATTRACTIVE FOR HUMMINGBIRDS & SUPPLEMENTING THEIR DEGRADED 'NATURAL' FARE WITH NUTRITIOUS FOOD WE KNOW THEY NEED...FOR HUMMERLINE SEND SASE TO
WOODSWORLD HUMMINGBIRDING SOCIETY (WWHS)
 218 BUENA VISTA AVENUE
 SANTA CRUZ, CA 95062.

WILD BIRD SEED HEADQUARTERS "Only Quality Seeds"

- Excellent Prices/Quality Seeds
- All Types of Feeders & Houses
- Princess Anne "Gourmet" Birdseed
- Bay-Mor Distributor
- All Types of Specialty Seeds

Call/write for our 1990 Catalog FREE:

Princess Anne Farmers' Service
 5651 Va. Beach Blvd., Dept. B
 Norfolk, VA 23502
 (804) 461-1580



"Family owned since 1948"
 "Home of the Bird Doctor"
 "We're Not Fancy...But We're Good"



SOLAR SIPPER™
 The portable bird-tested Solar Sipper is a cold weather bird watering device. It uses the power of the winter sun as well as air insulation pockets to extend the time that water remains liquid in freezing temperatures during daylight hours.

Order now from
 Happy Bird Corporation
 479 South St., Box BA, Foxboro, MA 02035

Model STD SS Solar Black \$19.95
 Model DLX SS Barry Red \$26.95
 Add \$15.00 for Mounting Bracket. Add \$3.50 per unit (with or without bracket) for shipping and handling. Dealers may wish to write for information.

SAVE A WILD LIFE, INSTALL A WILD HOUSE! Bird-house is made from discarded limbs & logs. Circular cavity is four inches in diameter with a 1-1/2" entry hole. Solid wood top hinged to open. Option with tree bark on or removed. Natural-type home for birds. Also drilled out at bottom of birdhouse to fit on steel fencepost. \$10.00 ppd. Quantity discounts available. **ELMER BAILEY**, Box 332, Route 4, Salem, IL 62881. (618) 548-1603.

FEED BIRDS, NOT SQUIRRELS! Our bird feeder is 100% squirrel-proof! Moneyback guarantee. FREE brochure. **COURTYARD—BWD**, 21 W. 120 Irving Park, Itasca, IL 60143.

BLUEBIRD HOUSE—\$9.00; BAT HOUSE—\$12.00. Assembled, postpaid. Twelve other types. Free brochures. **WHITE'S BIRDBOX CO.**, 5153 Neff Lake Rd., Brooksville, FL 34601.

AMERICA'S FINEST SQUIRREL-, STARLING-PROOF FEEDERS! Dialabird nest homes. Customized accessories. Free catalog. **KOPECKY**, 1220 W. Ridge Rd., Hypoluxo, FL 33462.

HOUSES, PLATFORMS, BOXES, SHELVES/ 26 nesting sites. Each designed for particular bird. Also winter roosts. Informative catalog. Visa/MasterCard. **WILDLIFE STUDIO BWD**, 7 Patten Road, Bedford, NH 03102. (603) 668-8979.

BLUEBIRD HOUSES THAT OTHER BIRDS WILL NOT BUILD IN. Complete and easy to follow instructions. Send \$3.00. **BLUEBIRDS ONLY**, Rt. 13, Box 416, Maryville, TN 37801.

LOWER YOUR RISK of contact with parasites & disease while cleaning old nesting material & fecal matter from birdhouses. With cleaning tongs & a pair of protective gloves. Never have to touch nest while using these tools. \$5.00 ppd. **ELMER BAILEY**, Box 332, Route 4, Salem, IL 62881.

Bird Watching Supplies



THE LONG-EARED MINI™

- A 5" acoustic collector & mini-microphone that couples with a cassette recorder.
- Multi-purpose: audio documentation, on-site playback, teaching device
- OFFICIAL DEVICE, Florida Breeding Bird Atlas.
- Price \$74.95 Plus \$6.00 postage Canadian shipping \$9.00 PA residents add 6%

— Send For Free Brochure —

**Applied Nature
 Systems**

P.O. Box 958
 Gibsonia, PA 15044

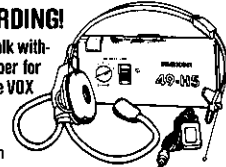
HERB KOEHLER, SERVICE TECHNICIAN WITH 43 YEARS EXPERIENCE will gladly advise you on repairs to your binocular or scope. No obligation for estimates. **TELE-OPTICS**, 5514 Lawrence Ave., Chicago, IL 60630.

TALK HANDS-FREE!

GREAT FOR BIRDING!

Expand coverage and talk without flushing birds! Super for Count Days! Hands-Free VOX or Push to Talk!

- 1/4 to 1/2 Mile Range
- 5 Channel Operation
- Headset/Built-in Mic
- Uses 4 "AA" Batteries
- Low battery indicator
- 90 day factory warranty



maxon®

\$59.95 ea. or \$114.95 pr. PLUS \$3.50 Ship./Hand.
 Indiana residents ADD 5% Sales Tax.

SEND CHECK OR MONEY ORDER TO: **MARKET-TEC**, P.O. Box 1252,
 Vincennes, IN 47591 812-882-9075

Authorized Dealer for the World's Finest in Binoculars & Spotting Scopes

Leitz • Zeiss • Swarovski • Questar • Leupold
 Bausch & Lomb • Mirador • Kowa • Celestron
 Swift • Meade • TeleVue • Bushnell • Nikon
 Minolta • aus Jena • Vernorscope

Information & Price List Available

6109 Odana Rd., Madison, WI 53719
 (608) 271-4751

Eagle Optics

Toll Free Order Line
 (800) 289-1132



The LINK

Binocular and Camera Strap™

- No weight on neck
- No scratched equipment
- Cut down on swaying
- Adjustable

\$8.00 postpaid (IL res. add 50¢)
 Send check or money order to:
 The Birder's Connection
 2521 College Rd.
 Downers Grove, IL 60516
 (708) 852-9615
 Free brochure • Moneyback guarantee
 Dealer inquiries invited



BINOCULARS SALES AND SERVICE. Repairing binoculars since 1923. Alignment performed on our U.S. Navy collimator. Free catalogue and our article "Know Your Binoculars" published in *Audubon* magazine. **MIRAKEL OPTICAL CO., INC.**, 331 Mission St., West Coxsackie, NY 12192. (518) 731-2610.

DUPLICATE 35mm SLIDES. Over 200 species in closeup. Excellent for education. Free list. **MASLOWSKI WILDLIFE PRODUCTIONS**, 1219 Eversole Rd., Cincinnati, OH 45230. (513) 231-7301.

FREE LIST & LITERATURE, QUALITY OPTICS. Binoculars & Spotting scopes. Complete line Zeiss, Swarovski, Bausch & Lomb, Bushnell, Swift, Leupold, Nikon, Fujinon, Leitz. Experienced consultant. Immediate shipping. 50th year. **WENTLING'S**, Box 355D, Hershey, PA 17033. (717) 533-2468.

aus JENA BINOCULARS (GERMANY): Experience the ultimate in brilliance and clarity! Europe's largest manufacturer of finest quality binoculars. Consumer and dealer inquiries invited. **EUROPTIK, LTD.**, Box 319-W, Dunmore, PA 18509. (717) 347-6049.

Books/Maps/Videotapes

NEWSLETTER for birders with special interest in TEXAS birds. For full year's subscription, send \$8.00 to: **PENFEATHERS**, P.O. Box 38157, Dept. BWD, Houston, TX 77238-8157.

NATIONAL PARK WILDLIFE MAPS. For birders, backpackers, photographers. Great Smokies—\$4.95; Acadia—\$5.95. **AMERICAN NATURE MAPS**, 11620 Ivystone Ct., Suite 201, Reston, VA 22091.

FLORA & FAUNA BOOKS — New and used books on birds, herpetology, natural history literature, horticulture, botany. Free catalogues, specify interest. Visit our store in Seattle, open Monday-Saturday, 10 a.m.-5 p.m., 121 First South Street, Seattle, WA 98104. (206) 623-4727.

RAVEN MAPS & IMAGES

Beautiful large format
 elevation-tinted
 western state wall maps.

COMPLETE CATALOG AVAILABLE

800 237-0798

34 N. CENTRAL • MEDFORD, OR 97501

THE HERB COMPANION

In celebration of the useful plants.

A bimonthly magazine for herb lovers, gardeners, cooks, craftspeople.

AN INVITATION TO SUBSCRIBE

Yes! Enclosed is my check/money order for ☐ \$21 for a one-year subscription ☐ \$4 for a sample copy. Or charge ☐ VISA ☐ MC Account No. _____

Expiration Date _____ Signature _____

Please include your name and mailing address

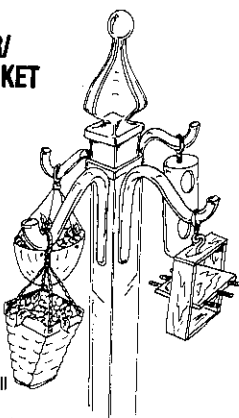
THE HERB COMPANION

Dept. H8, 201 East Fourth Street
Loveland, Colorado 80537
(303) 669-7672

100% Satisfaction Guaranteed

4 HOOK BIRD FEEDER/ FLOWER BASKET HANGERS

- Stands 7 1/2" above ground
- Accommodates feeders up to 16" dia.
- Made of 1" sq. heavy gauge steel tubing & 1/2" diameter wrought iron hooks
- Heavy duty polyurethane enamel coating will last for years
- Money-back guarantee



\$42.95 plus UPS charges

D.C. Grinding Co.

680 Miami St. • Akron, Ohio 44311

Toll Free # 1-800-678-2473

Other Styles Available • Dealer Inquiries Invited

the light, coupled with, perhaps, the film used for the photographs. She also thinks that the rubythroat males with the "golden" gorgets that you also report seeing only *appeared* to look golden—another trick of the light.

Q. On the last day of July 1989 my husband and I were having an early dinner at the window where we watch our hummingbird feeders. As we ate we became aware that we were experiencing an invasion of hummingbirds—more than we had ever seen at one time before. Can you explain this? JEANNE PANGBURN, Hendersonville, North Carolina.

A. My guess is that you were seeing migrating hummers, attracted to your feeders by your regular hummers. (A bird is always the best bird watcher.)

Q. I planted a bed of bee balm (*Monarda* species) to attract hummingbirds, and a starling broke off pieces of foliage. I followed this bird to our propane tank cover and found a layer of the following foliage: bee balm, spearmint, catnip, parsley, and lemon balm. Is this why these so-called "dirty birds" look so clean and shiny? DEE BUNNELL, Peru, Indiana.

A. I, too, wonder about this. All the plants mentioned are aromatic to a degree. Was the starling using these aromatics against possible parasites in its nest-to-be? Readers?

From HELEN HICKS, Sherman, Texas: Last year you quoted a person who had a praying mantis ambush a hummingbird at a feeder. I had a praying mantis at my hummer feeder for weeks. I removed it time after time, but it would return, mostly to the same feeder flower. It was hard

to see as it clung to the feeder, even when I knew it was there. It never caught a hummer, but spent its time devouring bees. Its speed was unbelievable.

FEEDER TIPS

• I use a refrigerator coil brush to clean our tube feeders with a solution of hot sudsy water and a small amount of clorox. I also put about 10 marbles in the bottom of the feeders when they are thoroughly dried. The seeds never seem to pack down or get moldy. DONNA JEAN HAUT, New Berlin, Wisconsin.

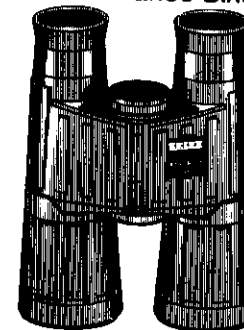
• We put up a new thistle (niger seed) feeder at Christmas time, and nothing happened. In late January, as Nancy Arnold suggested in the January/February 1990 *BWD*, my husband painted the roof and perches bright yellow, and then there was standing room only. We have told the folks at the Cornell Laboratory of Ornithology about this, but they do not have a good explanation. EDITH EDGERTON, Ithaca, New York.

• So far this year I am having 100 percent success keeping bees away from my "Happy 8" hummingbird feeder. One of the red coverings broke off at one of the 8 ports, and somehow all the insects seem to prefer the larger opening. They all fall into the water and succumb. ROXANNE CLINTON, Lititz, Pennsylvania. (Comment: One year yellow jackets—several—got into a hummingbird feeder, and when we took the top off in preparation for cleaning it, they all flew out into our kitchen, livelier than all get out. Take care!)

• In 1989 I had a terrible problem with honeybees swarming at my oriole feeder. I had *dozens* die. When I placed screening material over the entry holes, they left. CAROL SCHAEFER, Copiague, New York.

ZEISS

The Performance Binocular



10 x 40 B/GA T*

THE STANDARD OF EXCELLENCE. IDEAL FOR BIRDING AND NATURE OBSERVATION.

- T* multi layer lens coating
- Razor sharp definition
- Brilliant contrast & faithful color rendition
- Internal focusing for superior weather proofing
- Unsurpassed light transmission
- Rugged construction
- Comfortable viewing with eyeglasses
- Factory close focused
- U.S. warranty



Call or Write for Information and Price List

EAGLE OPTICS

6109 ODANA RD.

MADISON, WI 53719

(608) 271-4751

Toll Free Order Line

1-800-289-1132



Truly Useful Software for Birdwatchers!

- **AVES** creates checklists for *anywhere* in the 48 states.
- **AVES** displays range maps, etc. for each of 873 species.
- **AVES** stores your birding notes for recall by location, species, dates.

Call for **FREE** Demo Disk.
Only \$65 (CA residents add \$4.71 sales tax).
Indicate 5¼ or 3½ inch disk size.

VISA, MC Satisfaction Guaranteed

Requires IBM™ compatible with 320K RAM and two 5¼" floppy drives or one 3½" floppy drive or a hard disk. IBM is a registered trademark of IBM Corp.

ECOSYSTEM SOFTWARE
638 El Dorado Ave., Oakland, CA 94611
1-800-345-9111 ext.48

larks, water pipits and a red-naped sapsucker, all, between gusts, leaving the safety of the trees to feed hungrily on the spacious lawns. Arnold Small had tipped me off that the rufous-backed robin had a fondness for the Coke machine in front of the clubhouse, so that becomes the focus of our stakeout. But we range far and wide, combing the entire golf course.

About an hour into the game of hide and seek the wind abates somewhat and the rufous-backed robin flies from a tall eucalyptus tree at the rear of the clubhouse into an open olive tree nearby. Good looks at the bird are easy, and birders help themselves, cafeteria style. It has a gray head, but unlike its American cousin, no eye ring, and its bill is all yellow, un-

like the bicolored bill of the American robin. But the prominently rufous back is the clincher, and we know this at least is a wild and countable bird.

As we are about to commence our long journey back to Los Angeles, home, and the work I've put aside, we hear of a northern shrike at Ridgecrest, a common grackle in the Panamint Valley, a little blue heron at Upper Newport Bay and, most intriguing, a field sparrow in Orange County's Irvine Park, just south of home for us. This would be only the second record for the state! It would, of course, be a state bird for me as well as for most other active birders, inasmuch as the first and only record was a bird captured on the Farallon Islands, to which access is severely limited.



**Optic Outfitters
for Birders**

Binoculars & Spotting Scopes

Leica, Zeiss, Optolyth, Swarovski
Swift, Mirador, Leupold, Meade
Nikon, Bausch & Lomb, Kowa
Questar, Celestron, Tele Vue



Complete Line of Tripods
& Accessories

Toll Free Order Line (800) 289-1132

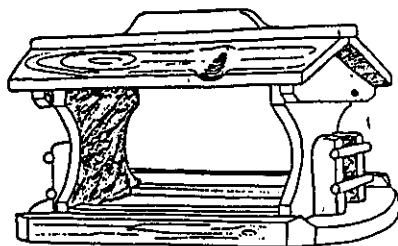
Information & Price List Available

Eagle Optics

6108 Odana Road Madison, WI 53719
(608) 271-4751

Ol' Sam Peabody Co.

109 N. Main Street
Berrien Springs, MI 49103
616-471-4031



"The Cedarline Atlanta is
the finest available."



ATLANTA 16" 31.95
ATLANTA 24" 39.95

Dealers Welcome

Worldwide Birding

for small groups of birders and environmentalists

For more information, please send me:

- ☐ Free: A color-coded, summary listing of
birding tours and special prices on
scholarship books and optics.

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____

**VICTOR EMANUEL
NATURE TOURS**

PO BOX 33006 AUSTIN, TX 78764
800/325-2521



To the Editor:

Thank you, Bruce Berger, and thank you, *BWD*, for the funny, witty poem, "Birder," in the September/October issue. It should be a frontispiece in every field guide—with an illustration by the similarly irreverent Charles Harper.

NEAL G. THORPE

Mont Clare, Pennsylvania

CALLS TO ACTION

To the Editor:

We hope to see more calls to letter-writing activism in *BWD*, with a view to helping birds in any way possible. Surely many subscribers would be glad to help if given a specific issue, such as the Rileys wrote about in their Everglades report (July/August 1990), presented in such an interesting and concise way.

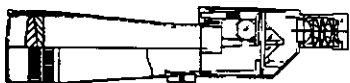
LESLIE and RICHARD C. MILLER
Ridgefield, Connecticut



**Optic Outfitters
for Birders**

Binoculars & Spotting Scopes

Leica, Zeiss, Optolyth, Swarovski
Swift, Mirador, Leupold, Meade
Nikon, Bausch & Lomb, Kowa
Questar, Celestron, Tele Vue



Complete Line of Tripods
& Accessories

Toll Free Order Line (800) 289-1132

Information & Price List Available

Eagle Optics

6108 Odana Road Madison, WI 53719
(608) 271-4751



ICE SCULPTURE

To the Editor:

I thought your readers might be interested in the accompanying photograph, which shows one of the 1990 entries in the United States National Snow Sculpting competition, held in January in Milwaukee as part of the winter festival "The Big Cool." The heron sculpture was by Joan Kritchman Knuteson, Thomas Knuteson, and Diane Christensen, all of Wisconsin.

VIRGINIA E. BRALEY
Milwaukee, Wisconsin

SEIZING THE DAY

To the Editor:

We're often a little behind with our reading. Yesterday my husband, with the November/December 1989 issue of *BWD* in hand and open to page 82, said, "Read this." The article, "Seize the Day," about a young couple who met and birded with an older couple in Madera Canyon, Arizona, then aided them in getting to the hospital after the older woman fell, stirred memories. I wonder if we were that couple.

In the spring of 1981 we were birding in Madera Canyon, where we met a young couple—much better birders than we were—and spent an hour or so birding with them. They left before we did, but on our way back down the

trail, I fell and broke my ankle. The rest of my story is much like that described in "Seize the Day." After a hospital stay of ten days and a flight home for recuperation, I was as good as new.

Could there have been two broken ankles in Madera Canyon under the circumstances described? It seems unlikely, and I wonder if we are the couple Coggin Heeringa says urged her to "seize the day." If we are, yes, we do read *BWD*, we still live in Florida, and we still go birding. But our trips are fewer now.

ALICE WARD
Eustis, Florida

Coggin Heeringa says that yes, indeed, this is the couple she wrote about—she had inscribed in her life list journal the name "Ward" on both the trogon and the elf owl pages. "I somehow knew that this couple would read your magazine and receive, all these years later, my thanks."

To the Editor:

Please keep doing what you do so well—providing such a variety of well-written articles. I especially want to single out "Seize the Day," by Coggin Heeringa (November/December 1989), and "East to Oklahoma and Arkansas," by Karen Bridgers (May/June 1989).

PAM SHANK
East Lansing, Michigan

IT'S THE LAW!

To the Editor:

Regarding Todd Fink's "It's the Law" in your July/August 1990 issue, I must confess to being a confirmed nest destroyer. But all I'm doing is following the directions of the bird house manufacturers who advise (in printed labels on the bottom of the houses) that old nests should be removed at the end of each nesting season. I've done this

for years; each spring the birds come back and nest again, without complaints.

Am I legal or illegal?

BILL BOLAND

Philadelphia, Pennsylvania

You're legal, of course. The warning pertained to taking and displaying nests found "in the wild."

BWD

To the Editor:

Each issue of *BWD* is hungrily awaited, but I wish you didn't have to insert shorter articles on the same subject into the middle of major articles—I resent the break in concentration that occurs. Unless my experience is totally atypical, I suggest you append inserts at the end of articles. . . .

DON PAYNE

Chalfont, Pennsylvania

We understand your concern. Sometimes the availability of color on a page or the length of an article makes it necessary to place shorter material before the end of the main story.

To the Editor:

The nice thing about your magazine is that, as beginning birders become more advanced, they won't outgrow it. It's truly a magazine for all birders.

SYLVIA R. GALLAGHER
Huntington Beach, California

To the Editor:

My grandson (11 years old) and I are neophytes when it comes to bird watching. I want to let you know how much we enjoy *BWD*—we just received our second issue, and I'm delighted to discover how many types of feeders there are and, most of all, how many bird watching trips and tours are available.

ELIZABETH ANN MEAD
Parsippany, New Jersey

September 21 & 22, 1991
Ninth Annual New Jersey
**Wings 'n' Water
Festival**

Decoy & Bird Carving Show
& Wildlife Art Show

Wetlands Institute, Stone Harbor, NJ

30 miles south of Atlantic City on the ocean. Fabulous Fall celebration of NJ coastal environment. Meet 150 of the nation's top carvers & artists.

- Guided Nature Walks • Bird Walks •
 - Wildlife Photography • Bird Guides •
 - Binoculars Demonstration •
 - Free Trolley • Nature Books •
 - \$7,000 in prize money •
 - Over 7,000 attended in 1990 •
- Benefits nonprofit Wetlands Institute



Write for information:
Wings 'n' Water Festival
Wetlands Institute
Stone Harbor Blvd.
Stone Harbor, NJ 08247

few ranches, scattered big cottonwoods, and lots of hay fields. Each summer the valley hosts five to ten pairs of nesting Swainson's hawks; in this valley an infamous red-backed buzzard summered in 1987 and returned to nest in 1988—mated with a Swainson's hawk. Don Radovich and Ron Meyer, who monitored this bird's Colorado odyssey, described to the Carters her field marks and history, her discovery in this high mountain valley, and the controversy and speculation about her origin that still rages within the birding community. (The red-backed buzzard normally breeds in South America. The controversy revolves around how the bird got to Colorado—on its own or with human assistance.)

A Swainson's hawk flew in front of the car. We hopped out to look at it and then discovered the buzzard perched on top of a haystack, her rufous back shining in the sun. Regardless of whether or not she arrived in Gunnison as a purely wild bird, she is a striking raptor: a squat-shaped buteo with a rufous back and shoulders, a gleaming white tail with narrow black and white bands on the end, and a dark cap with a white throat and white breast. After the buzzard slipped away, we watched a female harrier cruising low over the hay fields.

Blackbirds had gathered into post-breeding flocks of 100 to 300 birds, mostly redwings. At least we could show the Carters flocks of something—though not as spectacular as flamingos in Africa. Mrs. Carter pointed out a mountain bluebird; dozens of vesper sparrows flushed from the roadside.

Both President and Mrs. Carter have sharp eyes for birds. They applied their total attention, and they have excellent powers of observation. Taking them bird watching was like taking out any enthusiastic beginning bird watchers, with one difference—I did not engage in as much of the “You figure it out from the bird book” strategy that my wife and I use in our beginners' classes!

Mrs. Carter explained that when their daughter, Amy, was young, she had kept a list of birds seen in their yard in Plains. The recent safari had rekindled that interest. They had seen lots of large animals—lions, elephants, wildebeests, etc.—but wanted more variety. Thus they started looking at the big flocks of birds, which led to their present interest in bird watching wherever they go.

Most fulfilling to me, I met the Carters as two gracious, friendly, appreciative, and natural people.

My trip notes show 29 mostly western species for the morning, and the Carters saw most of them well enough to enter on their trip list.

As we parted, Ron strongly urged the Carters to visit his medical clinic when they came back in December to ski. This seemed like a lugubrious invitation until Ron explained that hundreds of rosy finches flock to feeders at the clinic. Since we couldn't show them big flocks of flamingos in September, Ron could, in December, show them troupes of rosy finches!—*Hugh Kingery, coordinator of the Colorado Bird Atlas.*

TELESCOPES & BINOCULARS

SAVE UP TO 40%

Visit the world's largest and most complete telescope and binocular centers.

SIMI VALLEY, CA 270 Easy St. (805) 522-6646	SHERMAN OAKS, CA 14324 Ventura Blvd. (818) 789-5805
TORRANCE, CA 3132 Pac. Coast Hwy. (213) 326-3251	COSTA MESA, CA 3033 S. Bristol (714) 957-6900
RIVERSIDE, CA 10076 Magnolia Ave. (714) 359-5591	SAN DIEGO, CA 4766 Clairemont Mesa Blvd. (619) 277-6686
LAS VEGAS, NV 2216 Paradise Rd. (702) 733-9288	SURPLUS STORE - RIVERSIDE, CA 10076 Magnolia Ave. (714) 359-5592

WRITE FOR FREE CATALOG:
SCOPE CITY MAIL ORDER DEPT.
P.O. Box 440, Dept. D, Simi Valley, CA 93065

Scope City
TELESCOPES • BINOCULARS • SPORT OPTICS

Eagle Optics
**Optic Outfitters
for Birders**

Binoculars & Spotting Scopes

Leica, Zeiss, Optolyth, Swarovski
Swift, Mirador, Leupold, Meade
Nikon, Bausch & Lomb, Kowa
Questar, Celestron, Tele Vue



Complete Line of Tripods
& Accessories

Toll Free Order Line (800) 289-1132

Information & Price List Available

Eagle Optics

6108 Odana Road Madison, WI 53719
(608) 271-4751



**DESERT
WEST
MOTEL**
“We're birder-friendly”

**SCENIC SOUTHWEST
NEW MEXICO**

- Gateway to the Chiricahua Mountains
- 330 species listed, including the Elegant Trogon
- Special BWD reader's discount!

For Birding & Lodging Info:

Desert West Motel
I-10 & Hwy 80, Exit 5
Box 2005
Road Forks, NM 88045
(505)-542-8801

Bird Watching Supplies

GREAT BIRDING TOOL! Birds flock to this screech owl recording. Continuous tape. Never rewind. Always ready. \$8.00 Postpaid. **3CE**, Box 30482BWD, Charleston, SC 29417.

DON'T MISS THIS SALE—PRECISION OPTICS— See nature at its very best! Zeiss & Leupold binoculars, spotting scopes, accessories. **P. A. I., Inc.** (800) 843-0439.

FREE LIST & LITERATURE, QUALITY OPTICS. Binoculars & spotting scopes. Complete line Zeiss, Swarovski, Bausch & Lomb, Bushnell, Swift, Leupold, Nikon, Fujinon, Leitz. Experienced consultant. Immediate shipping. 52nd year. **WENTLING'S**, Box 355D, Hershey, PA 17033. (717) 533-2468.

BINOCULARS & SPOTTING TELESCOPES by aus JENA. Brilliantly designed, unparalleled German optical craftsmanship. Free brochure and discount price list. **HAZLEOPTICS**, 757 McNair St., Hazleton, PA 18201. Phone/Fax (717) 455-4605.



THE LONG-EARED MINI™

- A 5" acoustic collector & mini-microphone that couples with a cassette recorder.
- Multi-purpose: audio documentation, on-site playback, teaching device
- OFFICIAL DEVICE, Florida Breeding Bird Atlas.
- Price \$74.95 Plus \$6.00 postage Canadian shipping \$9.00 PA residents add 6%

— Send For Free Brochure —

Applied Nature Systems

P.O. Box 958
Gibsonia, PA 15044



The LINK

Binocular and Camera Strap™

- No weight on neck
- No scratched equipment
- Cut down on swaying
- Adjustable

\$8.00 postpaid (N. res. add 50¢)

Send check or money order to:

The Birders Connection

2521 College Rd.

Downers Grove, IL 60516

(708) 852-9815

Free brochure • Moneyback guarantee
Dealer inquiries invited



Authorized Dealer for the World's Finest in Binoculars & Spotting Scopes

Leitz • Zeiss • Swarovski • Questar • Leupold
Bausch & Lomb • Mirator • Kowa • Celestron
Swift • Meade • TeleVue • Bushnell • Nikon
Minolta • aus Jena • Vernonscope

Information & Price List Available

6109 Odana Rd., Madison, WI 53719
(608) 271-4751

Eagle Optics

Toll Free Order Line
(800) 289-1132



DUPLICATE 35mm SLIDES. Over 200 species in closeup. Excellent for education. Free list. **MASLOWSKI WILDLIFE PRODUCTIONS**, 1219 Eversole Rd., Cincinnati, OH 45230. (513) 231-7301.

BINOCULARS SALES AND SERVICE. Repairing binoculars since 1923. Alignment performed on our U.S. Navy collimator. Free catalogue and our article "Know Your Binoculars" published in *Audubon* magazine. **MIRAKEL OPTICAL CO., INC.**, 331 Mansion St., West Coxsackie, NY 12192. (518) 731-2610.

Books/Magazines/Software/Videos

ISLANDS OF THE SEABIRDS, gannets, black-backed gulls, puffins, guillemots, more. Beautifully photographed on rugged islands of eastern Canada. Also: **LIFE HISTORY OF THE WHITE IBIS** includes action close-ups of glossy ibis, wood ibis, white and brown pelicans, much more. Sensitive films, professional quality. VHS. \$29.75 each, \$2.50 s/h. Both \$59.00 ppd. Check/m.o.: **BOB WELLS' NATURAL WORLD PRODUCTIONS**, 2300 Plantside Dr., Louisville, KY 40299.

NATURAL HISTORY. Rare old and used nature books. Specialty Ornithology. Catalog upon request. **PAUL WOODBURY WELD-BOOKSELLER**, 435 Lanning Rd., Honeoye Falls, NY 14472. (716) 624-5178

Computerize Your Bird Observations

PLOVER is still the finest and most versatile birding program for recording observations, notes, checklists, and life lists. Allows quick data entry by codes. IBM PCs. Still only \$68 (+ tax in CA).

Selected as the best by WildBird

"An excellent bargain for the money." - C. Keller, BWD

Sandpiper Software
9 Goldfinch Ct., Novato, CA 94947

"BIRDS OF ECUADOR"

Locational Checklist
with English and Spanish common names

Price US \$10 plus US \$2 postage

Write or call

FEPROTUR

7270 NW 12 St., Suite 400
Miami, FL 33126

Toll free order line (800) 553-6673



The Chickadee Nature Store

Field Guides for the U.S. & the World
Optics, Recordings, Checklists

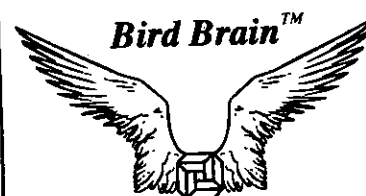
1330-L Wirt
Houston, TX 77055
(713) 956-2670

Send \$1.00 for catalog (refundable on 1st order)

PEACOCK STARTER KITS... *Wacky World of Peafowl*™ books, newsletter, hatching eggs, chicks, send SASE. **PEACOCKS-FETTS**, RR1-WDS, Minden IA, 51553.

HumPowerFood gives *BREAD* with the *WINE* (nectar) - just sugar/water nectar is not ALL your *HUMMINGBIRD FRIENDS NEED!* For HummerLine newsletter send SASE to **WOODSWORLD HUMMINGBIRDING SOCIETY (WWHS)** 218 Buena Vista Ave., Santa Cruz, CA. 95062.

LOOKING FOR AUTHORS! Gulf Publishing Company is seeking authors for additional titles in our *Birder's Guide*™ series. We are interested in proposals/manuscripts for: Florida • Colorado • Minnesota • Washington, D.C. • Arizona • Pennsylvania • Washington. These are to be *location guides*, with emphasis on providing driving directions and maps, and listing nesting, migrating, and rare species seen in each season at each location; also to include check-list, organizations, other resources. Handsome series format; our *Birder's Guide to Texas* is well respected. Write to Julia Starr, **GULF PUBLISHING COMPANY**, P.O. Box 2608, Houston, Texas 77252-2608.



A Birding Data Base
for the Macintosh

Toll free 1-800-747-0700

Write or call for free brochure.

Ideaform Inc. P.O. Box 1540, Fairfield, Iowa 52556

BirdBase 2

"Sophisticated...fast...a great program." - The Auk "Easy to use even for a beginner." - Birding World "The software of choice...meets all list making demands." - Wilson Lib. Bull.

BB 2 is for serious birders. It automatically keeps thousands of check/life lists, with full details of all sightings. It handles any change in bird names, taxonomy, or the territory birded, and uses disk space very frugally. You cannot outgrow BB 2.

With the latest ABA-AOU N. American and Hawaiian species. It is \$59.95+\$3.00 shipping and requires an IBM-compatible that has 720 K of total disk capacity as well as 256 K of RAM.

With also the ABA-adopted Clements' 4th Ed. world species. It is \$99.95+\$5.00 and needs a hard disk and 640 K of RAM.

A demo disk with a full working version of BB 2 is only \$1.00.

Specify the size of drive A. Add 7% tax for shipments to CA.



Satisfaction guaranteed



SANTA BARBARA SOFTWARE PRODUCTS
1400 Dover Road; S.B. CA 93103 USA; Phone 805 963 4886

ProHarness

A BETTER WAY TO CARRY BINOCULARS AND CAMERAS

The bird enthusiasts choice. Equipment need not be removed for quick and easy use.

This comfortable elasticized strap eliminates binocular or camera movement while hiking and is uniquely suited for birdwatchers since it provides instant, steady access without fumbling.

The ProHarness also helps steady equipment for better viewing and clearer pictures.



Send only \$12.95 (postage paid)

CALIF. RESIDENTS ADD \$7.78 TAX

RETURN IN 3 WEEKS IF NOT SATISFIED FOR FULL REFUND

MARLAB SPECIALTIES

P.O. BOX 4019 • SAN RAFAEL, CA 94903

Or phone toll-free: 800-237-4293

to order by Visa or Master Charge.

Once You Get
A Taste Of
DOUGLAS
You'll Want To
Come Back
For More



Summer heralds the "bird watching season" in the Chiricahua Mountains, just north of Douglas and at historic SLAUGHTER RANCH. Explore Old West ghost towns and visit local museums. Many historic sites nearby. Services, Lodging, Restaurants, RV parks, Shops and Golf Course.



Cross into Agua Prieta, Mexico to shop and sight see.

Visit the splendors of the GADSDEN HOTEL, a historical landmark.

Call: (602) 364-2477
or write:
Douglas Chamber of
Commerce
Dept SQ
1125 Pan American
Douglas, AZ 85607

ARIZONA

if you knew it, you'd do it

birds themselves have to be inside. Impossible, you say? Not at my house.

I started counting and, thinking back 30 years or so, came up with a tally of eight. Every one stands out in my mind as if it had happened yesterday.

I wasn't even a birder 30 years ago, so I didn't appreciate the house sparrow that flew into my living room one spring day in 1959. I was a young bride, with a brand-new home but no screens on the windows—hence the bird's easy entry. As soon as it got inside it started flinging itself against the big picture window, the only one in the room that couldn't be opened. I had no idea how to steer it back the way it had come, and after about ten minutes it was a toss-up as to whether the bird, or I, was the more upset.

A neighbor saved the day. He grabbed a bath towel, threw it over the flapping sparrow, and carried the whole bundle outside. I assured him we'd soon screen the windows and we did: I didn't want a repeat of that experience any time soon.

It was a couple of years later that we had our next avian visitors. They were starlings, and they'd made quite a home in our attic before we even realized they were there. Going in and out through a vent under the eaves, they'd carried stick after stick in an effort to fill up that great huge space. When Bill, my husband, finally cleaned it all out, he filled up three garbage bags with the debris.

Years went by. We got a dog, raised a child, took up birding. We moved to another house, one with a fenced-in yard, which pleased the

dog no end. Now we could leave the sliding door open a foot or so, and Penny, our dog, could wander in and out at will.

And of course, so could other things. A squirrel, once—that was hairy, I'll admit. And then, one magic moment, a red-breasted nuthatch. It crept in, noiselessly, like fog. I was sitting across the room reading, and if I hadn't glanced up at that instant I wouldn't have seen it at all. I sat mesmerized as it inched over to the dog's water dish, jumped up to the rim, and—as if it were the most normal thing in the world—took a drink! I didn't have a camera. But I don't need a photograph to recall that scene. It's one I will never forget.

Soon, of course, the nuthatch began to realize it was in a precarious situation. Luckily I remembered the old towel trick from so many years before and successfully ushered the bird outside.

We had no more inside birds at that house. Penny died, and we kept the doors closed. But before too long we moved again, this time to North Carolina, to mountains and woods, to a house with beautiful views from every window.

Who'd want to darken those views with window screens? We don't have any mosquitos here anyway. So we left the windows bare, and, with pleasant weather nine months of the year, we open them a lot.

We also leave the doors ajar. Our current dogs, Flora and Fauna, like to run out onto the deck whenever the spirit moves them, and it's easier to leave them a clear path than to jump up and down every few minutes. All that openness has its price.

"DEATHTRAP?!"



The most common animal found dead in chimneys is birds.

Stainless steel chimney cap with a lifetime warranty against rust keeps out birds & animals, rain & debris, prevents downdraft & arrests sparks
3 sizes: 8" x 8", 8" x 13", 13" x 13"
(Sizes adjust + or - 1")

\$49 plus \$4 shipping & handling
ASSURANCE CHIMNEY 8 Cove Rd
Lake Hopatcong, NJ 07849

NJ Residents please add 7% sales tax
Money back guarantee

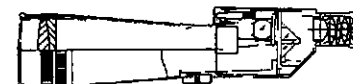


**Optic Outfitters
for Birders**



Binoculars & Spotting Scopes

Leica, Zeiss, Optolyth, Swarovski
Swift, Mirador, Leupold, Meade
Nikon, Bausch & Lomb, Kowa
Questar, Celestron, Tele Vue
Pentax, Minolta, Bushnell



Complete Line of Tripods
& Accessories

Free Catalog & Price List Available
(608) 271-4751

Eagle Optics

6109 Odana Road
Madison, WI 53719



to be closed on two floors, and a ventilation pipe had to be sealed. (Black vultures eat carrion and feed nestlings by regurgitation, and the remarkable odors associated with nesting vultures have been commented on by many ornithologists.)

Black vultures are fairly adaptable in their choice of nest sites, using rock ledges, small caves, hollow trees, and abandoned buildings. Their nesting on buildings has not yet been reported in North America, but in areas where deforestation is creating a scarcity of natural nest sites it may yet happen.

FLORIDA SCRUB JAY

A small, isolated population of scrub jays, a widespread western species, is found in Florida; these jays are considered by some ornithologists to be a separate species. Since 1987 the Florida population has been listed as threatened by the U. S. Fish and Wildlife Service. Now, in an attempt to halt

continuing decreases, federal officials have written to 550 Florida landowners reminding them that destruction of scrub habitat within the range of the scrub jay is a violation of federal law. Scrub jays originally inhabited much of Florida, but the present range is limited to the Lake Wales Ridge area in the center of the state and to parts of the central and southern coasts.

FALCON VS. TERNS

Peregrine falcons and roseate terns are both endangered species. Although the peregrines have been making a comeback in recent decades, the terns are still declining, and it is now estimated that there are only about 3,300 pairs left in the northeastern United States. So when a young peregrine showed up at Bird Island, a large tern colony in Buzzard's Bay, Massachusetts, and began feasting on the roseate and common terns that nest there, federal officials decided it was time for

the falcon to move on. The young peregrine, which had been banded as a nestling in Greenland the previous year, was live-trapped and moved to Plum Island, Massachusetts. Officials hoped that it would continue its migration after it was relocated. Bird Island harbors almost half the nesting roseate terns in the Northeast.

THE HAWAIIAN CROW

The National and Hawaiian Audubon Societies filed suit in April in Federal court in an attempt to prevent the imminent extinction of the Hawaiian crow, also known as the 'alala. Among the defendants are the U. S. Fish and Wildlife Service and the U. S. Department of the Interior.

The Hawaiian Audubon Society estimates that there are as few as ten Hawaiian crows left in the wild, all located on a private ranch. The owners of the ranch have refused the government full access to the property. The Au-

duobon suit contends that the government agencies responsible for saving the crow under the Federal Endangered Species Act have not acted effectively and that the crow is in immediate danger of extinction. They argue that the lawsuit is the last hope of saving the 'alala in the wild. At present there are 11 birds in a captive breeding program in Hawaii.

HUMMERS, FEEDERS, AND FLOWERS

Several people have commented on the large number of ruby-throated hummingbirds visiting feeders in the Midwest this year. Is the rubythroat, after years of decline, making a comeback? Perhaps not. It may just be a poor year for wildflowers.

In the May 1991 issue of *The Condor* (Vol. 93, No. 2) David W. Inouye, William A. Calder, and Nikolas M. Waser report that the number of broad-tailed hummingbirds visiting the feed-

AviSys™ The Superior Birding Software System

The ultimate database for list keeping, reporting, statistics

OVER 400 CUSTOMIZED GEOGRAPHIC LISTS ➤ The keystroke that selects the sighting location updates ALL appropriate lists. (Site selection automatically updates the correct site, city, county, state, nation, continent and life lists.) ➤ **FASTEST and EASIEST** user interface ➤ Sighting entries are as easy as checking off the birds ➤ 16 Checklists on-line ➤ **FIELD NOTES** ➤ An **UNLIMITED** variety of lists and reports, by any combination of date range, geographic range, species, seen, not seen, first sightings ➤ **SPREADSHEETS** for bird census, CBC, sighting history ➤ Printed checklists with sighting notations ➤ Full ABA checklist included

Fast as a Falcon—Powerful as an Eagle—Friendly as a Chickadee

Call 1-800-354-7755 - 24 hours - MC/VISA - \$49.95

\$4 S&H - CA res. add \$4.12 - 512K IBM compatible - floppy or hard drive
Guaranteed by Perceptive Systems P.O. Box 23981 Pleasant Hill, CA 94523



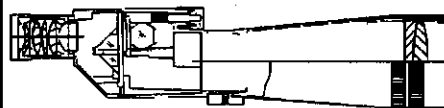
Binoculars & Spotting Scopes

Optic Outfitters for Birders



Authorized Dealer for:

Leica, Zeiss, Optolyth, Swarovski, Swift, Mirador, Leupold, Meade, Nikon, Celestron, Bausch & Lomb, Kowa, Questar, Tele Vue, Pentax, Minolta, Bushnell, Vemorscope Bogen, Velbon, Davis & Sanford, OpTech



Free Catalog & Price List Available
(808) 271-4751

- Birding Specialists
- Knowledgeable Staff
- Fast, Friendly Service
- Low, Direct Discount Prices
- 100% Satisfaction Guarantee
- Complete Line of Tripods & Accessories

Eagle Optics

6109 Odana Road Madison, WI 53719
Order Line: (800) 289-1132



Your Love Affair Grows Closer As You Aim Your SONGSCOPE 2 and Tune in Your Favorite Song

BACK BY POPULAR DEMAND

\$95.00

"It's the kind of instrument that I have long thought would be valuable to birders." —Roger Tory Peterson

Hear and record in stereo the birds you love. A high performance instrument guaranteed to add a new dimension to birding. Satisfied customers tell us it picks up sound subtleties the human ear misses, even at 300 ft. It's like being in an aviary. Take a full month to decide to keep it. If for any reason you're not satisfied—send it back for a full refund. Recording adaptor—\$6.00.

Postage included, shipped daily. Order 9-5 weekdays; VISA/MC, Check/MO.

Ideal aid for hearing impaired

1-800-221-1196

BPA Marketing, Inc.
3519 Bigelow Blvd.
Pittsburgh, PA 15213

changes, the Breeding Bird Survey—a spring count of breeding birds conducted by volunteers for the U.S. Fish & Wildlife Service—goes back at most 25 years. But some ornithologists believe that this length of time is not long enough to identify species that are losing ground.

During more than 50 years of birding, Norman Hill has filled 15 volumes of identical 432-page notebooks (purchased long ago at the Harvard Co-op). I recently thumbed through one of these volumes. Each dated entry reports on location, weather conditions, bird behaviors, and other appropriate matters, then lists species seen, with a count for each. The most recent entry had been made just two days earlier, after the first fall

shorebird migrants had arrived. Dr. Hill's journals are a remarkable record that stretches back beyond the 1940s.

The journals also record trips to many exotic places, but the most interesting entries may be from the birding spots in eastern Massachusetts that Drs. Hill and Griscom faithfully visited each year during spring migration. Over the years many changes have occurred in this landscape. Apple orchards have disappeared, old fields have gotten scarcer, and remaining tree groves have aged. For Dr. Hill the most obvious birding change is that "the volume of song is very much decreased." His journals reveal his ongoing concern with the decreasing numbers of songbirds and note that the trend seems to be accelerating.

CHURCHILL WILDERNESS ENCOUNTER

- Birding Churchill
- Six-Day Inclusive Package
- Approximately 100 species

P.O. Box 9
Churchill, Manitoba
R0B 0E0
CANADA
(204) 675-2248
Fax# (204) 675-2045

Wild Bird Food

Direct from the farm to you

50# Sunflowers (Black oil).....	\$17.00	20# Birdmix (12% Sunfl.).....	\$ 4.00
25# Sunflowers (Black oil).....	\$ 9.00	20# Birdmix (No Corn).....	\$ 4.80
50# Birdmix (No Corn).....	\$10.75	25# Sunflower Hearts.....	\$13.00
50# Birdmix (12% Sunfl.).....	\$ 8.75	10# Niger.....	\$ 9.90

BILL CHANDLER FARMS
R.R. 2, Noble, IL 62868
800-752-2473 or BIRD

All orders over 100 lbs. receive 5% discount.
Prices do not include shipping.
Request for complete price list is free.

SOUTH AFRICA — FROM \$130 PER DAY

- 15-day Transvaal & Kruger Park. 250 birds, big game. Lots of raptors. \$1,950.
- 16-day Zululand Rhino Reserves. 300 birds, rhino, hippo & crocodiles. Visit exciting Ndumu (416 species) and Mkuze (418). \$2,365.
- 21-day Kruger Park, Swaziland, Natal and Cape. 400 birds, many big game species, spectacular scenery and superior food & accommodation. \$3,760.

Small group tours led by experienced local guide. Good food, fine accommodation and transport included. Airfare to Johannesburg extra.

**For detailed itineraries, write or call Fish Eagle Safaris:
P.O. Box 774972, Houston, TX 77215-1972. (713) 467-5222.**

Binoculars & Spotting Scopes

Optic Outfitters for Birders

Authorized Dealer for:
Leica, Zeiss, Optolyth, Swarovski, Swift, Mirador, Leupold, Meade, Nikon, Celestron, Bausch & Lomb, Kowa, Questar, Tele Vue, Pentax, Minolta, Bushnell, Vemonscope, Bogen, Vebon, Davis & Sanford, OpTech

- Birding Specialists
- Knowledgeable Staff
- Fast, Friendly Service
- Low, Direct Discount Prices
- 100% Satisfaction Guarantee
- Complete Line of Tripods & Accessories

Free Catalog & Price List Available
(608) 271-4751

Eagle Optics
6109 Odana Road Madison, WI 53719
OrderLine: (800) 289-1132

ican icterid, adapting to the cattle ranches, has become widespread in the Southwest, having extended its range far into California, Nevada, and Colorado. Casual strays have even reached Oregon and British Columbia. I predict that these adaptable blackbirds will eventually take over the entire West, wherever there are cattle. The wasteful artificial feeding of these bovines ensures the bird's survival. But at the time of our visit to Socorro this last November, when the dry leaves were still falling, the grackles had already moved south to milder latitudes, and so had some of the geese and ducks. But the snow geese and sandhill cranes were at their peak, tens of thousands of them.

Bosque del Apache means "Woods of the Apaches," referring to the groves of cottonwoods that line the stream banks. These riverine woodlands, so important to certain songbirds, such as yellow-billed cuckoos and Bell's vireos, are in trouble because of the invasion of the "salt cedar," an alien that threatens to crowd out the cottonwoods and other endemics.

The Bosque comprises 57,000 acres (90 square miles) that were purchased by the federal government in 1939 for only \$2.17 an acre! Without modern game management practices the mobs of waterfowl would not be there. Only a part of the Bosque del Apache is managed, the water levels being manipulated up or down with the seasons. The rest of the vast area remains as it is, forever wild. Farm crops on the refuge provide supplemental food for the winged visi-

tors. The farmers in the surrounding area are allowed to plant corn and other cereals in the refuge on a sharecrop basis. After harvesting, one third of the crop is left in the fields for wildlife. It is a cooperative system that works.

Every year, nearly 100,000 people visit the Bosque del Apache National Wildlife Refuge, outnumbering the cranes and possibly even the geese (but I'm not sure). Whereas the avian hordes may stay there for weeks or even months, the people come and go. On any given day there are far more birds than people.

The Festival of the Cranes is sponsored by the Socorro Chamber of Commerce, which believes that "ecotourism" can have a dual meaning—economic as well as ecological—bringing money into town, supporting local hotels as well as bed and breakfast places (often called "Bird 'N' Breakfasts"). Anna Appleby and her partner, Tom Harper, host one of these, the Eaton House. This year it was the energetic Anna who chaired the festival committee, and it was she who put us in the hands of Phil Norton and Pat Basham, who saw to it that Ginny and I had a double dose of sandhills and snow geese.

Phil Norton, manager of the refuge, took Ginny and me in his own van along roads that were less frequented by the touring public. He knew which water impoundments were visited by the geese at certain hours of the day, and which fields of corn to visit when the birds were feeding. A few sandhill cranes, family groups, could be seen on almost any piece of cropland, but in certain fields and marshes they as-

Walker's "Game Ear"



\$173⁰⁰ POSTAGE & HANDLING INCLUDED

PENNA RESIDENTS ADD 8% SALES TAX

For Visa/MC orders only

1-800-424-1069

14 DAY MONEY-BACK GUARANTEE

★ SOUND AMPLIFICATION DEVICE

- Hear birds you've never noticed before
- Bring distant sounds in close—even the slightest sounds are amplified
- Volume control wheel with on/off switch allows you to adjust desired loudness
- Safety circuit eliminates sound above 110db spl from being amplified
- Uses one button cell battery (included)
- Carrying case included

★ NO BULKY HEADPHONES!

- Unit rests securely behind either ear
- Height 1.31" - Width 0.34" - Weight 0.10 oz.

★ NO HANDHELD MICROPHONES!

- Built in microphone with wind screen

★ FIELD TESTED & RECOMMENDED

- by world famous outdoorsmen and photographers such as LenLee Rue III

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

☐ CK ☐ M.O. ☐ Visa ☐ MC Exp. Date _____

CARD # _____

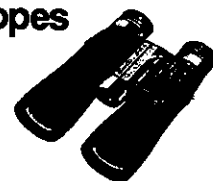
SIGNATURE _____

SEND TO: WALKER'S "GAME EAR", INC. • P.O. BOX 1069, DEPT. BWD • MEDIA, PA 19063



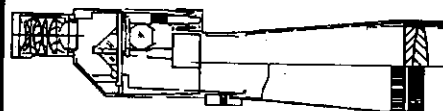
Binoculars & Spotting Scopes

Optic Outfitters for Birders



Authorized Dealer for:

Leica, Zeiss, Optolyth, Swarovski, Swift, Mirador, Leupold, Meade, Nikon, Celestron, Bausch & Lomb, Kowa, Questar, Tele Vue, Pentax, Minolta, Bushnell, Bogen, Vebon, Davis & Sanford, OpTech



Free Catalog & Price List Available

Technical Assistance (608) 271-4751

- Birding Specialists
- Knowledgeable Staff
- Fast, Friendly Service
- Low, Direct Discount Prices
- 100% Satisfaction Guarantee
- Complete Line of Tripods & Accessories

Eagle Optics

6109 Odana Road Madison, WI 53719

Toll Free Order Line: (800) 289-1132





Hand-crafted of western red cedar, this feeder has a copper on wood roof, hand finished with a patina that will age with time. Available colors: barn red, country blue, light dune grey. Each birdhouse is painted with hearts (shown here), a chickadee, or a cat. **\$39.95 ppd.**



BIRD CHIMES

All copper with a green patina finish. Bird chime available with Hummingbird (as displayed), Cardinal, Parrot, Owl, Duck. **\$34.95 ppd.**



Send Check or Money order for feeder and/or chimes to:

For Nature's Sake
P.O. Box 2598
Southampton, NY 11969
(516) 726-6573

Birdwatcher's Seat Bag



- folds flat and carries even when bag is loaded.
- large zippered side pocket.
- water resistant
- olive green color, weight less than 4 lbs.
- can hold body weight up to 300 lbs.

\$29.95

**PLUS \$3.50 S/H
GUARANTEED**

(201)

778-2098

**ALLSEASON PRODUCTS
ENTERPRISES**
37 Passaic Street
Garfield, N.J. 07026-3134

species, such as crows and blue jays, display repertoires are the same for males and females.

Through this brief survey, you can see that the extent of secondary sexual characteristics in birds varies a great deal. And it is this variety that makes them hard to explain with any one theory.

Charles Darwin thought that many of these characteristics evolved through a process called sexual selection, in which males compete for mates and females show preferences when choosing males. The characteristics of successful males get passed on through their increased offspring. This theory explains why the greatest variation of secondary sexual characteristics occurs in males and why sometimes their characteristics seem to have gone haywire and even seem to put them at a disadvantage, such as when an extra long tail hinders flying, or conspicuous coloration makes a bird more vulnerable to predators.

The problem with this explanation is that it does not seem to account for monomorphic species, those in which male and female look and act very much alike. For in these species, males still have to compete for mates and females to choose among males.

A recent theory proposed by William Hamilton and Marlene Zuk (*Science*, Vol. 218:384-387, 1982) has suggested another possible reason for the occurrence of secondary sexual characteristics, especially color and displays. Their theory is that internal parasites can cause death or poor health in some young birds and that females will choose males that are resistant to

these parasites.

But how does a female judge whether a male is more or less free of internal parasites? The answer is that she would have to be able to assess the overall health of the male. She could do this by seeing how strong or fit a particular male is in relation to other males during aggression or competition among males. The female could inspect the male's feathers or skin in various male displays involving the spreading of tail or wing feathers or the fluffing of body feathers. Or she could assess the male through mutual preening, a part of many species' courtship. She also could compare the elaborateness of song as males counter-sing with one another or sing in response to the female.



The Abercorn
Vancouver Canada

Located in one of the west-coasts' birding hot-spots, enjoy traditional style & comfort in a unique full service hotel.

- Reifel Island Migratory Sanctuary
- Iona Beach Sanctuary
- River Estuaries
- Tidal Coastline

- ✓ Crested Myna
- ✓ Bald Eagles
- ✓ Black Crowned Night Heron
- ✓ Peregrines

OVER 230 SPECIES

Call toll-free 1-800-663-0085

ABERCORN INN BEST WESTERN
9260 Bridgeport Rd., Richmond, B.C.
V6X 1S1



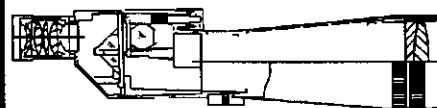
Binoculars & Spotting Scopes

Optic Outfitters for Birders



Authorized Dealer for:

Leica, Zeiss, Optolyth, Swarovski, Swift, Mirador, Leupold, Meade, Nikon, Celestron, Bausch & Lomb, Kowa, Questar, Tele Vue, Pentax, Minolta, Bushnell, Steiner, Redfield, Aus Jena, Bogen, Velbon, OpTech



Free Catalog & Price List Available
Technical Assistance (608) 271-4751

- Birding Specialists
- Knowledgeable Staff
- Fast, Friendly Service
- Low, Direct Discount Prices
- Satisfaction Guaranteed
- Complete Line of Tripods & Accessories

Eagle Optics

6109 Odana Road Madison, WI 53719
Toll Free Order Line: (800) 289-1132



The weather was not as cooperative as Zeleny. Driving to the rendezvous point, Ted and I were relieved that we had opted for the short tour. It was cold for early May—unseasonably cold, they would call it here—with a penetrating northwest wind making 48 degrees feel more like 28. But bobolinks were bouncing over the alfalfa fields, and red-winged blackbirds were staking out their territories just as if this were a typical spring day.

Undismayed by cloud cover and wind chill, Zeleny greeted us warmly. He zipped up his bright-blue windbreaker as he led the way to the first box on his trail—a weathered wooden box that had surely been there for many years. The location, if

not the exact box, had a place in bluebird history, because it had all started right here, 25 years ago, when Zeleny was working as a biochemist for the U.S. Department of Agriculture. He pointed out the adjacent brick office building and the window above the entrance from which he and a colleague had spotted a pair of bluebirds looking for a place to nest. Together they got the necessary permission of the grounds superintendent and promptly put up a box on a metal pole. Just as promptly, the bluebird couple claimed it for their home.

Larry had no idea then that he was embarking on a project that would change his focus and his life and bring him greater

acclaim than he had ever achieved in his distinguished career in government. Gradually he added new boxes around the grounds and had the satisfaction of seeing young bluebirds swell the population. As the bluebird trail grew, it absorbed more of his time and attention. By comparison, his work in plant research was less lively, less challenging. "I was getting bored with it," he admits, with a little chuckle. He decided to take early retirement.

One senses that this is a rare confession. He is uncomfortable talking about himself, even more uncomfortable posing for a photograph beside the box which, he tells us, after using his pocket screwdriver to open

it, contains five eggs. He wants the focus to be on the bluebirds. He is acutely aware of the female bluebird waiting on a low branch to return to the nest. He doesn't want to keep her waiting.

Ask him anything about bluebirds and he brightens, forgetting his self-consciousness. He doesn't know exactly when, or why, bluebirds became a major attraction in his life. All birds fascinated him, from very early childhood. His first clear memory is of birds splashing in a bird-bath. He was only 14 months old, recovering from a serious illness, and each day his mother took him out to the garden for the therapy of fresh air. The birds he watched from his car-



Binoculars & Spotting Scopes

Optic Outfitters for Birders



Authorized Dealer for:
 Leica, Zeiss, Optolyth, Swarovski, Swift, Mirador, Leupold, Meade, Nikon, Celestron, Bausch & Lomb, Kowa, Questar, Tele Vue, Pentax, Minolta, Bushnell, Steiner, Redfield, Aus Jena, Bogen, Velbon, OpTech

- Birding Specialists
- Knowledgeable Staff
- Fast, Friendly Service
- Low, Direct Discount Prices
- Satisfaction Guaranteed
- Complete Line of Tripods & Accessories

Free Catalog & Price List Available
 Technical Assistance (608) 271-4751

Eagle Optics



716 S Whitney Way Madison, WI 53711
 Toll Free Order Line: (800) 289-1132





PRODUCTS CO., INC.



The country's most complete line of
**Wild Bird Suet Products
 and Suet Related Feeders**
7 Suet Varieties Available
FOR USE ALL YEAR ROUND

Our Suet Products use only the highest grade of rendered beef suet, grain, roasted peanuts, and California raisins. They are successfully tested coast to coast in summer and winter.

These products are available at your local dealer or distributor

GUARANTEED TO ENHANCE YOUR BIRD LINE
 Box 848 • Fort Dodge, Iowa 50501




BIRD WATCHER'S QUESTION BOX

KEVIN COOK

MOTHBALLS AND BIRDS

A NOTE TO READERS: In the July/August 1992 issue, I suggested using mothballs to repel wasps from birdhouses. One person wrote to express shock that I would recommend using mothballs, because they are harmful. I stand by the recommendation, as given. First, I did say to use a disposable spoon, because you should never handle mothballs with bare hands. Second, I said the mothballs should not immediately discourage the birds, which is not the same as saying they won't hurt the birds. That's why I recommended removing the balls as soon as birds show interest in the box, and why I recommended putting the balls in a bag so they can be easily removed. And finally, I said that the mothballs would "repel the wasps" not kill them. I reiterate these points for fear that if one reader misunderstood, others may have done so, too. In short answers, detail counts. For an example of a problem with misused mothballs, see the following question and answer.

Q. I put mothballs around some young plants to ward off rabbits. Grackles, both adult and young, would pick up a mothball and rub it over their feathers. This has happened several times. Is this common? RICHARD J. WEBB, Mount Prospect, Illinois.

A. Folklore claims that mountain men of the Old West did their laundry by draping their clothes over an anthill. When the ants had cleaned off all the lice, the mountain men would dress and be on their way! They probably learned their technique from birds.

Many species are known to grasp ants in their beaks and rub the ants over their feathers. In the process other ants

often crawl all over the bird doing the "anting." This may be a euphoric experience such as cats have with catnip, or it may be a specialized preening behavior in which the ants help the bird control feather lice and mites. The mothball trick is probably a parallel to this anting behavior, but the grackles will get more than pest relief. Mothballs are hazardous; that's why we use them. Leaving mothballs where animals can get to them is not a good idea. If you must use mothballs, enclose them in mesh bags, wire cages, or plastic tubing with small holes and capped ends. Be advised the active ingredient in mothballs will dissolve some plastics.

CLEAN BIRDBATHS

Q. Can you recommend something to eliminate the green algae that keeps growing in my birdbath? P.E. ROGGI, Madison, New Jersey.

A. We Americans have an old saying about the three things you can't avoid in life: death, taxes, and algae in the birdbath. Some algae won't bother the birds. If the algae begins to make a thick soup of your birdbath water or if it emits an unsavory odor, then you need to do something. (The odor is caused by bacteria feeding on dead algae.) A number of chemicals will kill algae, but they can harm other living things, too. For cleaning, I use a teaspoon of liquid chlorine laundry bleach in a half-bucket of water. Using a dish scrubber, I scour the birdbath with the chlorine bleach solution, rinse, and refill. I do this as often as necessary, usually once a month or so. Chlorine keeps domestic water drinkable, meets most public health codes for disinfecting restaurant utensils and surfaces, and also keeps swimming pools safe. But don't

Pribilofs

St. George Island,
Alaska

the "Other Pribilof Island"

A sensational NEW destination for birders, photographers and other wildlife enthusiasts. Enormous seabird and fur seal colonies set in a breathtaking landscape! A MUST addition to your Alaska trip.

Regular departures now offered exclusively by:

For information
call 800-368-0077

Joseph Van Os
TRAVELWILD®
P.O. BOX 1637R VASHON, WA 98070

Alaska



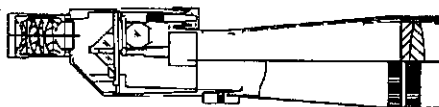
Binoculars & Spotting Scopes

Optic Outfitters
for Birders



Authorized Dealer for:

Leica, Zeiss, Optolyth, Swarovski, Swift, Mirador, Leupold, Meade, Nikon, Celestron, Bausch & Lomb, Kowa, Questar, Tele Vue, Pentax, Minolta, Bushnell, Steiner, Redfield, Aus Jena, Bogen, Vebon, OpTech



Free Catalog & Price List Available
Technical Assistance (608) 271-4751

- Birding Specialists
- Knowledgeable Staff
- Fast, Friendly Service
- Low, Direct Discount Prices
- Satisfaction Guaranteed
- Complete Line of Tripods & Accessories

Eagle Optics

716 S Whitney Way Madison, WI 53711
Toll Free Order Line: (800) 289-1132



EXHIBIT B
TO DECLARATION OF
BEN LIZDAS

Swarovski ATS HD Spotting Scopes



"Worth every penny,
surely a great value!"

—Frank, New Jersey



On sale for
a **limited** time:

ATS 80 HD	ATS 65 HD
\$2,543.33	\$2,043.33
\$1,845.99	\$1,499.99



EAGLE OPTICS®
OPTIC OUTFITTERS™

800-289-1132

WWW.EAGLEOPTICS.COM

2120 W. Greenview Drive • Middleton, WI 53562

EAGLE OPTICS[®]

OPTIC OUTFITTERS[™]



Taking the optics world by storm



Vortex Fury 8x42
\$349.99

From pocket-ready compacts to full size binoculars, you'll discover the Fury binocular is perfect for spotting your next life bird. How so, you say? The XR fully multi-coated lenses and phase-corrected roof prisms will guarantee the resolution and clarity for a positive ID. The waterproof/fog proof construction will hold steadfast should the elements kick up a fuss. Pretty simple, really. Get your life list ready and remember to smile.



8x42
10x42
12.5x42



6.5x32
8x32
10x32



8x28
10x28

***We know birds, birders,
birding and birding equipment.***

Call our professional staff of experts with any of your optics questions.



Your source for a full
line of binoculars,
spotting scopes
and accessories
from all major
manufacturers.

800-289-1132

Visit our comprehensive online catalog
www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

EAGLE OPTICS®

OPTIC OUTFITTERS™



Vortex Fury 8x42
\$349.99



8x42
10x42
12.5x42



6.5x32
8x32
10x32

Taking the Optics World By Storm

- **Silver-coated prisms** greatly increase light transmission.
- **Phase corrected roof prisms** increase contrast for sharp, bright views.
- **Exclusive XR multi-coatings** increase resolution and light transmittance for superior details.

***We know birds, birders,
birding and birding equipment.***

Call our professional staff of experts with any of your optics questions.



Your source for a full
line of binoculars,
spotting scopes
and accessories
from all major
manufacturers.

800-289-1132

Visit our comprehensive online catalog
www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

EAGLE OPTICS®

OPTIC OUTFITTERS™



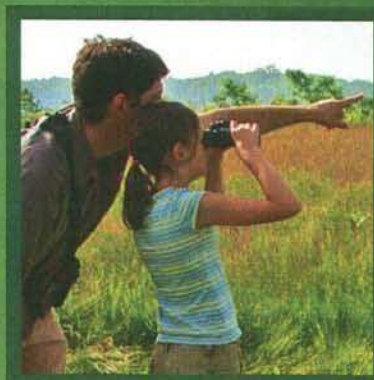
Introducing the Family Friendly
Raven Binocular
Great viewing for the whole family!



Special hinge easily adjusts to
comfortably fit any face.



Available in 6.5x32
and 8.5x32



***We know birds, birders,
and birding equipment.***

Call our professional staff of experts
for answers to any of your optics questions.

800-289-1132

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

EAGLE OPTICS®

OPTIC OUTFITTERS™



Introducing the new Vortex **Razor HD 85mm Spotting Scope**

*"Optically, it is among the top few scopes in the world
for brightness and sharpness."*

—Michael and Diane Porter, birdwatching.com



- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

We know birds, birders, and birding equipment.

"Best buy in a high-end scope"

—Michael and Diane Porter



Call our professional staff of experts for
answers to any of your optics questions.

800-289-1132

Or visit us online for specifications,
customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562



EAGLE OPTICS®
OPTIC OUTFITTERS™



Available in
6.5x32 and 8.5x32

Introduces the family friendly

Raven Binocular

Great viewing for the whole family!



Special hinge easily adjusts to
comfortably fit any face



***We know birds, birders,
and birding equipment.***

Call our professional staff of experts
for answers to any of your optics questions.



800-289-1132

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562



EAGLE OPTICS®
OPTIC OUTFITTERS™

And The American Birding® Introduce...
ASSOCIATION



Beginning Birder Kits

Membership to the ABA comes with every kit



The Young Birder's Kit:

\$139.95

- Eagle Optics 6.5x32 Raven Binocular
- ABA's new birder's guide, *Let's Go Birding!*
- American Birding Association membership certificate
- Smithsonian Field Guide to the Birds of North America

The Adult Birder's Kit:

\$179.95

- Eagle Optics 8x42 Denali Binocular
- ABA's new birder's guide, *Let's Go Birding!*
- American Birding Association membership certificate
- Smithsonian Field Guide to the Birds of North America

**We know birds, birders,
and birding equipment.**

Call our professional staff of experts
for answers to any of your optics questions.



800-289-1132

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562



EAGLE OPTICS®
OPTIC OUTFITTERS™



And The American Birding Association* Introduces...

Beginning Birder Kits

A free ABA membership comes with every kit



The Young Birder's Kit:

- Eagle Optics 6.5x32 Raven Binocular
- American Birding Association's New Birder's Guide
- American Birding Association membership certificate
- Smithsonian Field Guide to North American Birds

\$139.99

The Adult Birder's Kit:

- Eagle Optics 8x42 Denali Binocular
- American Birding Association's New Birder's Guide
- American Birding Association membership certificate
- Smithsonian Field Guide to North American Birds

\$179.99

These major brands and more at www.eagleoptics.com

Kowa

PENTAX

SWAROVSKI

MINOX

ZEISS

VORTEX

Leica

Bushnell



Call our professional staff of experts for answers to any of your optics questions.

800-289-1132

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562



EAGLE OPTICS®

The only place where your optics
purchase supports the ABA and its programs



RECEIVE AN INSTANT \$800 CREDIT TOWARDS THE PURCHASE OF A NEW SWAROVISION EL.*

- > Trade in your 42mm EL** for an instant \$800 credit toward the purchase of a new Swarovski Swarovision EL.
- > Want to try out a Swarovision before sending in your old EL? After you purchase a Swarovision, you will have 30 days to trade in your old 42mm EL for a \$800 refund.
- > Questions? Call Eagle Optics: 1-800-289-1132



>>> www.eagleoptics.com

* \$800 credit available on binoculars purchased at regular pricing.

** All Swarovski 42mm EL binoculars must be in working condition to be eligible.

phone: 800-289-1132 | fax: 608-836-4416
2120 West Greenview Drive · Middleton · WI · 53562



EAGLE OPTICS®

*The only place where your optics
purchase supports the ABA and its programs*



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance



- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

"Optically, it is
among the top few scopes
in the world for brightness and sharpness."

—Michael and Diane Porter
birdwatching.com

We know birds, birders,
and birding equipment.

Call our professional staff of experts for
answers to any of your optics questions.

800-289-1132

Visit us online for specifications,
customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

These major optic brands and more are all found at www.eagleoptics.com



EAGLE OPTICS®

OPTIC OUTFITTERS™



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance

"Optically, it is among the top few scopes in the world
for brightness and sharpness."

—Michael and Diane Porter, birdwatching.com



- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

We know birds, birders, and birding equipment.

"Best buy in a high-end scope"

—Michael and Diane Porter



Call our professional staff of experts for
answers to any of your optics questions.

800.289.1132

Or visit us online for specifications,
customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

EAGLE OPTICS®

OPTIC OUTFITTERS™



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance

"Optically, it is among the top few scopes in the world
for brightness and sharpness."

—Michael and Diane Porter, birdwatching.com



- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

We know birds, birders, and birding equipment.

Call our professional staff of experts for answers to any of your optics questions.
Or visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com 800-289-1132

These major optic brands and more are all found at www.eagleoptics.com



2120 W. Greenview Dr. - Middleton - WI - 53562

EAGLE OPTICS[®]

OPTIC OUTFITTERS[™]



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance



- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

"Optically, it is among the top few scopes in the world for brightness and sharpness."

—Michael and Diane Porter
birdwatching.com

We know birds, birders,
and birding equipment.

Call our professional staff of experts for
answers to any of your optics questions.

800-289-1132

Visit us online for specifications,
customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. • Middleton • WI • 53562

These major optic brands and more are all found at www.eagleoptics.com



SWAROVSKI



EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132

**We know birds, birders,
and birding equipment.**

Call our professional staff of experts for
answers to any of your optics questions.

800-289-1132

Visit us online for specifications,
customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance

- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens



"Optically, it is among the top few scopes
in the world for brightness
and sharpness."

—Michael and Diane Porter
birdwatching.com

These major optic brands and more are all found at www.eagleoptics.com





EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance



"Optically, it is
among the top few scopes
in the world for brightness and sharpness."

—Michael and Diane Porter
birdwatching.com

- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

The only place where your optics purchase supports the ABA and its programs

Call our professional staff of experts for answers to any of your optics questions.

800-289-1132

Visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

These major optic brands and more are all found at www.eagleoptics.com



EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132

***We know birds, birders,
and birding equipment.***

Call our professional staff of experts for
answers to any of your optics questions.

Visit us online for customer reviews,
specifications and much more!



These major brands and more are found at www.eagleoptics.com



EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance



- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

"Optically, it is among the top few scopes in the world for brightness and sharpness."

—Michael and Diane Porter
birdwatching.com

We know birds, birders, and birding equipment.

Call our professional staff of experts for answers to any of your optics questions.

800-289-1132

Visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

These major optic brands and more are all found at www.eagleoptics.com





EAGLE OPTICS®

The only place where your optics
purchase supports the ABA and its programs



RECEIVE AN INSTANT \$800 CREDIT TOWARDS THE PURCHASE OF A NEW SWAROVISION EL.*

- > Trade in your 42mm EL** for an instant \$800 credit toward the purchase of a new Swarovski Swarovision EL.
- > Want to try out a Swarovision before sending in your old EL? After you purchase a Swarovision, you will have 30 days to trade in your old 42mm EL for a \$800 refund.
- > Questions? Call Eagle Optics: 1-800-289-1132



> > > www.eagleoptics.com

* \$800 credit available on binoculars purchased at regular pricing.

** All Swarovski 42mm EL binoculars must be in working condition to be eligible.

phone: 800-289-1132 | fax: 608-836-4416
2120 West Greenview Drive - Middleton - WI - 53562



EAGLE OPTICS®

We know birds, birders, and birding equipment.

THE NEW EL 42 WITH NEW SWAROVISION TECHNOLOGY

Swarovski has set a new standard in optical performance. Don't just take our word for it; hear what our customers are saying:

- > "...quite possibly the apex of the premier bins."
- > "Without qualification, the finest binoculars I have ever owned."
- > "...the view through the Swarovision 8.5 is another dimension."

Take your birding experience to the next level. Call Eagle Optics and try a pair of Swarovision EL's today!



phone: 800 · 289 · 1132 | fax: 608 · 836 · 4416
2120 West Greenview Drive · Middleton · WI · 53562

> > > www.eagleoptics.com

SAVE \$800! Trade in your old 42mm EL for an instant \$800 credit toward the purchase of a new Swarovski Swarovision EL. If you want to try out a Swarovision before sending in your old EL you will have 30 days to try a pair out. Call our staff for more information.



EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132

**Your Place For Fine
Birding Optics and
Expert Advice.**

800.289.1132

Call our professional staff
of experts for answers to
any of your optics questions.



These major optic brands and more found at www.eagleoptics.com

ZEISS

STEINER
GERMANY

VORTEX

Nikon

Bushnell PENTAX

SWAROVSKI

Leica

Visit us online for specifications,
customer reviews, and much more!

www.eagleoptics.com



EAGLE OPTICS®

*The only place where your optics
purchase supports the ABA and its programs*

**Ready For The Next Step?
We'll Take You There.**



We know birds, birders, and birding equipment.

Call our professional staff of experts for
answers to any of your optics questions.

800.289.1132

Visit us online for specifications,
customer reviews, and much more!

www.eagleoptics.com

These brands and more found at www.eagleoptics.com



SWAROVSKI



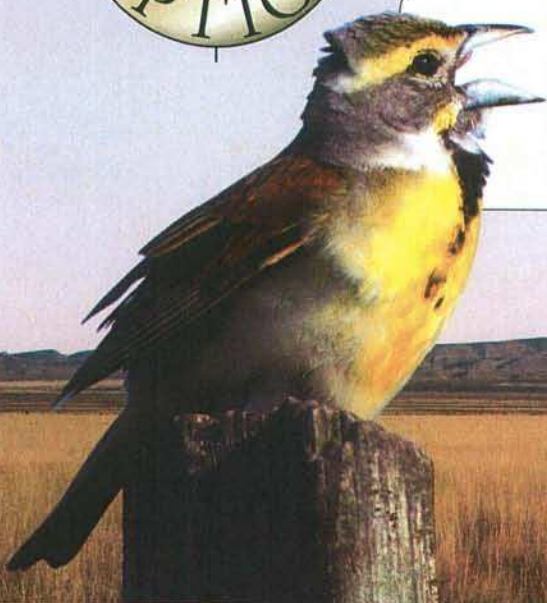
2120 W. Greenview Dr. - Middleton - WI - 53562

EAGLE OPTICS®

OPTIC OUTFITTERS™

Your Destination Location For All Your Birding Needs

Visit us at a birding festival near you!



Rockport Hummingbird Celebration | SEPTEMBER 16-19, 2010

Rio Grande Valley Birding Festival | NOVEMBER 10-14, 2010

Port Aransas Whooping Crane Festival | FEBRUARY 24-27, 2011

Galveston Feather Festival | APRIL 7-10, 2011

We know birds, birders, and birding equipment.

Call our professional staff of experts for answers to any of your optics questions.

800-289-1132

Visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com

These brands and more found at www.eagleoptics.com



SWAROVSKI



2120 W. Greenview Dr. - Middleton - WI - 53562



EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance

- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

"Optically, it is among the top few scopes in the world for brightness and sharpness."

—Michael and Diane Porter
birdwatching.com

The only place where your optics purchase supports the ABA and its programs

Call our professional staff of experts for answers to any of your optics questions.

800-289-1132

Visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

These major optic brands and more are all found at www.eagleoptics.com



EAGLE OPTICS[®]

OPTIC OUTFITTERS[™]



The Vortex Fury 8x32 Binocular

*"Good optical quality at a low price,
perhaps the best value in the study..."*

—Michael and Diane Porter



- Center diopter
- Tapered multi-position eyecups
- Waterproof and fogproof (argon purged)
- Lightweight rubber armor coated chassis

For all the Best Buys visit us at Eagle Optics!

Call our professional staff of experts for answers to any of your optics questions.

800-289-1132

Visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com

These brands and more found at www.eagleoptics.com



2120 W. Greenview Dr. - Middleton - WI - 53562



EAGLE OPTICS®

We know birds, birders, and birding equipment.

THE NEW EL 42

WITH NEW SWAROVISION TECHNOLOGY

Swarovski is setting a new standard in optical performance. Don't just take our word for it, hear what our customers are saying:

- > "...quite possibly the apex of the premier bins."
- > "Without qualification, the finest binoculars I have ever owned."
- > "...the view through the Swarovision 8.5 is another dimension."

Take your birding experience to the next level. Call Eagle Optics and try a pair of Swarovision EL's today!



phone: 800 · 289 · 1132 | fax: 608 · 836 · 4416
2120 West Greenvue Drive · Middleton · WI · 53562

>>> www.eagleoptics.com

SAVE \$800! Trade in your old 42mm EL for an instant \$800 credit toward the purchase of a new Swarovski Swarovision EL. If you want to try out a Swarovision before sending in your old EL you will have 30 days to try a pair out. Call our staff for more information.

EO_BB_Nov10.ai 1 9/7/2010 4:04:47 PM

Optics For Birders



EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132

2120 W. Greenview Dr. - Middleton - WI - 53562



EAGLE OPTICS®

OPTIC OUTFITTERS™



Black-Capped Chickadee with Vortex Razor HD
Courtesy of Eagle Optics staff

Vortex Razor HD Digiscope Package

★★★★★ 5 STAR USER REVIEWS

"...this scope holds its own with the very best; leading with a great price and the best warranty in the business."

—Jeff, Naturalist/Guide - The Nature Conservancy



Precision dual focus · Waterproof and fogproof · 20-60x zoom eyepiece · 85mm high-density glass

These major optic brands and more are all found at www.eagleoptics.com



Call our professional staff of experts for answers to any of your optics questions.
Or visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com | 800-289-1132

2120 W. Greenview Dr • Middleton • WI • 53562



EAGLE OPTICS[®]

OPTIC OUTFITTERS[™]



Black-Capped Chickadee with Vortex Razor HD
Courtesy of Eagle Optics staff

Vortex Razor HD Digiscope Package

★★★★★ 5 STAR USER REVIEWS

"...this scope holds its own with the very best; leading with a great price and the best warranty in the business."

—Jeff, Naturalist/Guide - The Nature Conservancy



Precision dual focus · Waterproof and fogproof · 20-60x zoom eyepiece · 85mm high-density glass

These major optic brands and more are all found at www.eagleoptics.com



Call our professional staff of experts for answers to any of your optics questions.
Or visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com | 800-289-1132

2120 W. Greenview Dr • Middleton • WI • 53562



EAGLE OPTICS
OPTIC OUTFITTERS

INTRODUCING THE ALL NEW

VORTEX
RAZOR HD

DELIVERING THE ULTIMATE IN RESOLUTION AND COLOR FIDELITY

The all new Vortex Razor HD binoculars feature premium, hand-selected HD extra-low dispersion glass for the finest high definition images. Lenses fully multi-coated with XR anti-reflective coatings guarantee maximum brightness for detailed observation during low-light hours of the day.

Phase corrected · Waterproof and fogproof · Locking center diopter

We know birds, birders, and birding equipment.

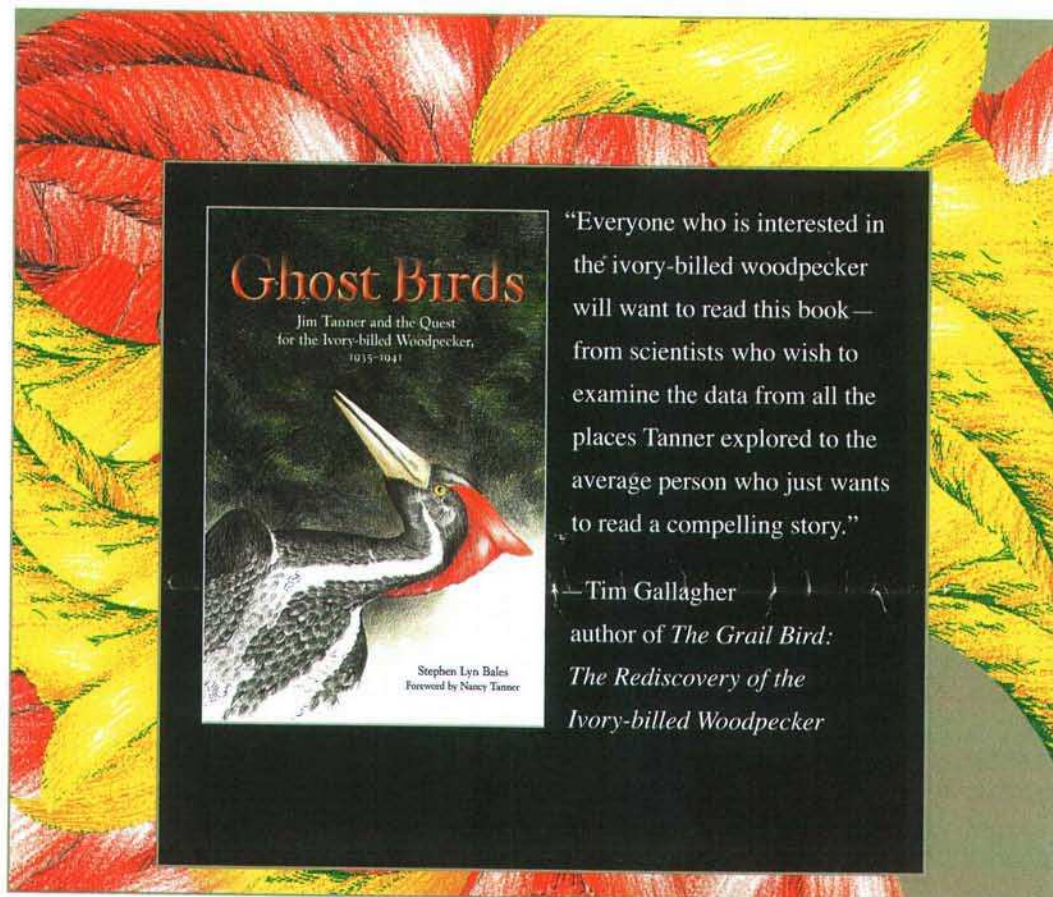
These major optic brands and more are all found at www.eagleoptics.com



Call our professional staff of experts for answers to any of your optics questions.
Or visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com | 800-289-1132

2120 W. Greenview Dr. • Middleton • WI • 53562



GHOST BIRDS

Jim Tanner and
the Quest for the
Ivory-billed
Woodpecker,
1935-1941

STEPHEN LYN BALES
FOREWORD BY NANCY TANNER

Hardcover
280 pages, 14 photos
\$29.95

Available wherever
books are sold.

Published by the
UNIVERSITY OF
TENNESSEE PRESS
www.utpress.org

"Everyone who is interested in
the ivory-billed woodpecker
will want to read this book —
from scientists who wish to
examine the data from all the
places Tanner explored to the
average person who just wants
to read a compelling story."

—Tim Gallagher
author of *The Grail Bird:*
The Rediscovery of the
Ivory-billed Woodpecker



EAGLE OPTICS
OPTIC OUTFITTERS™

INTRODUCING THE ALL NEW

VORTEX
RAZOR HD

DELIVERING THE ULTIMATE IN RESOLUTION AND COLOR FIDELITY

The all new Vortex Razor HD binoculars feature premium,
hand-selected HD extra-low dispersion glass for the finest
high definition images. Lenses fully multi-coated with XR
anti-reflective coatings guarantee maximum brightness for
detailed observation during low-light hours of the day.

Phase corrected • Waterproof and fogproof • Locking center diopter

We know birds, birders, and birding equipment.

These major optic brands and more are all found at www.eagleoptics.com



Call our professional staff of experts for answers to any of your optics questions.
Or visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com | 800-289-1132

2120 W. Greenview Dr. • Middleton • WI • 53562



SEE YOUR LIFE LIST WITH
AMAZING CLARITY



Put our flyway in your scope.




See the vacation planner video with phone QR reader.
 @ visitrockportfulton
www.rockport-fulton.org
 Photography by Diane Loyd

**Rockport
Fulton**
 Cham of the Texas Coast


TDX
 ST. PAUL ISLAND TOURS
 Alaska's Pribilofs
 In The Middle Of The Bering Sea

278 Different Species of Birds.
 Multiple Tour Packages Available
 +1.877.424.5637
www.stpaultour.com



SEE YOUR LIFE LIST WITH
AMAZING CLARITY

 **EAGLE OPTICS**
 OPTIC OUTFITTERS™

INTRODUCING THE ALL NEW
VORTEX RAZOR HD











DELIVERING THE ULTIMATE IN RESOLUTION AND COLOR FIDELITY

The all new Vortex Razor HD binoculars feature premium, hand-selected HD extra-low dispersion glass for the finest high definition images. Lenses fully multi-coated with XR anti-reflective coatings guarantee maximum brightness for detailed observation during low-light hours of the day.

Phase corrected • Waterproof and fogproof • Locking center diopter

We know birds, birders, and birding equipment.

These major optic brands and more are all found at www.eagleoptics.com

Call our professional staff of experts for answers to any of your optics questions.
 Or visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com | 800-289-1132
 2120 W. Greenview Dr. • Middleton • WI • 53562

FIND THE RIGHT FIT.



The All NEW ★★★★★
RANGER 

"GREAT VALUE!"
"VERY SATISFIED!"
"AWESOME!"

These are just some of the rave reviews for the Eagle Optics Ranger series of binoculars — now even BETTER with the NEW Ranger ED.

Extra-Low Dispersion Glass | Fully Multi-Coated Lenses | Platinum Protection Lifetime Warranty



EAGLE OPTICS

OPTIC OUTFITTERS

Visit us online to find these major brands as well as Pentax, Steiner, Burris and others.

WWW.EAGLEOPTICS.COM | 800.239.1132



EAGLE OPTICS®

OPTIC OUTFITTERS™



YOU'D EXPECT TO PAY MORE FOR ALL THESE FEATURES

Fully Multi-Coated Lenses | Waterproof and Fogproof | Lightweight
Long Eye Relief | Wide Field of View | Unlimited, Unconditional Warranty

SURPRISE! Yours for only \$99.99.

These major optic brands and more are all found at www.eagleoptics.com



www.eagleoptics.com | 800.289.1132 | Follow us





EAGLE OPTICS®

OPTIC OUTFITTERS™



YOU'D EXPECT TO PAY MORE FOR ALL THESE FEATURES

Fully Multi-Coated Lenses | Waterproof and Fogproof | Lightweight
Long Eye Relief | Wide Field of View | Unlimited, Unconditional Warranty

SURPRISE! Yours for only \$99.99.

These major optic brands and more are all found at www.eagleoptics.com



www.eagleoptics.com | 800.289.1132 | Follow us



July/August 2011



EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance

- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

"Optically, it is among the top few scopes in the world for brightness and sharpness."

—Michael and Diane Porter
birdwatching.com

The only place where your optics purchase supports the ABA and its programs

Call our professional staff of experts for answers to any of your optics questions.

800.289.1132

Visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

These major optic brands and more are all found at www.eagleoptics.com





EAGLE OPTICS®

WWW.EAGLEOPTICS.COM | (800) 289-1132



The Vortex Razor HD Spotting Scope

Setting a new standard for price and performance

- Precision dual focus
- Waterproof and fogproof (argon purged)
- 20-60x zoom eyepiece
- 85mm high-density glass objective lens

"Optically, it is among the top few scopes in the world for brightness and sharpness."

—Michael and Diane Porter
birdwatching.com

The only place where your optics purchase supports the ABA and its programs

Call our professional staff of experts for answers to any of your optics questions.

800-289-1132

Visit us online for specifications, customer reviews, and much more!

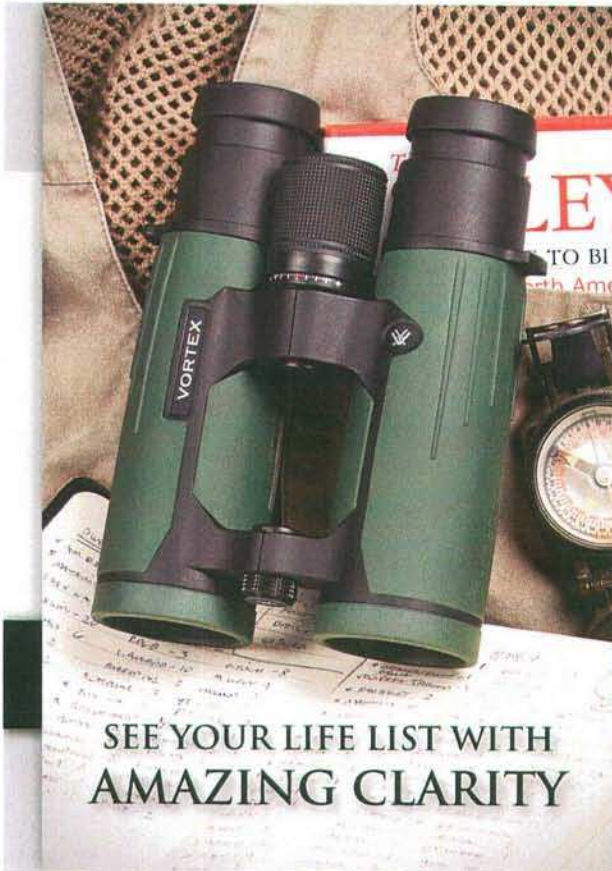
www.eagleoptics.com

2120 W. Greenview Dr. - Middleton - WI - 53562

These major optic brands and more are all found at www.eagleoptics.com




```
eo ad_birding_2011-MarApr.ai 1 1/10/2011 1:01:07 PM
```



EAGLE OPTICS®
OPTIC OUTFITTERS™



The only place where your optics purchase supports the ABA and its programs

INTRODUCING THE ALL NEW

VORTEX
RAZOR^{HD}

DELIVERING THE ULTIMATE IN RESOLUTION AND COLOR FIDELITY

The all new Vortex Razor HD binoculars feature premium, hand selected HD extra-low dispersion glass for the finest high definition images. Lenses fully multi-coated with XR anti-reflective coatings guarantee maximum brightness for detailed observation during low light hours of the day.

Phase corrected · Waterproof and fogproof · Locking center diopter

We know birds, birders, and birding equipment.

These major optic brands and more are all found at www.eagleoptics.com



SWAROVSKI


Bushnell

Call our professional staff of experts for answers to any of your optics questions.
Or visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com | 800-289-1132


2120 W. Greenview Dr. • Middleton • WI • 53562

Put our flyway in your scope.



Rockport Fulfillment
Crown of the Texas Coast

See the vacation planner video with phone QR reader.
f @ visitrockportfulfillment
www.rockport-fulfillment.org
Photography by Duane Long



TEX
NATURE OPTICS
In The Middle Of The Marling Sea




276 Different Species of Birds.
Multiple Tour Packages Available
+1.877.434.5437
www.texoptics.com



SEE YOUR LIFE LIST WITH
AMAZING CLARITY

EAGLE OPTICS
OPTIC OUTITTERS

INTRODUCING THE ALL NEW
VORTEX RAZOR HD

DELIVERING THE ULTIMATE IN RESOLUTION AND COLOR FIDELITY

The all new Vortex Razor HD binoculars feature premium hand-selected HD extra-low dispersion glass for the finest high definition images. Lenses fully multi-coated with XE anti-reflective coatings guarantee maximum brightness for detailed observation during low-light hours of the day.

Phase corrected • Waterproof and fogproof • Locking center dial

We know birds, birders, and birding equipment. These major optic brands and more are all found at www.eagleoptics.com

Call our professional staff of experts for answers to any of your optics questions. Or visit us online for specifications, customer reviews, and much more!

www.eagleoptics.com | 800-289-1122
#100 V. Greenville, SC • Asheville, NC • 28804

Birding Products

Vortex Razor HD 8x42 Binoculars

With the superb quality of high-end binoculars steadily improving, the cost of owning the latest models has also crept steadily higher—putting the best optics outside the budget of many birders. With their completely redesigned Razor HD binoculars, however, Vortex seriously challenges this trend by offering highest-quality optics at roughly half the cost of the most expensive models. (The online price for this model runs about \$1,180.) I was pleased to receive a pair of 8x42 Razor HDs to review, just in time for peak spring bird migration in Ithaca, New York.

These sleek, open-hinge-design roof-prisms immediately lived up to their name, because the image was truly razor sharp and very bright from edge to edge. In fact, after repeated side-by-side comparisons with my own top-of-the-line binoculars, my eyes could not discern a difference in overall image quality. Colors appeared vivid and true as I gawked at my first male Blackburnian Warbler of the season and marveled at the soft yellows on a Philadelphia Vireo. Crisp details were easily resolved, as in the subtle face pattern of a Lincoln's Sparrow, and the very wide



KEN ROSENBERG


field of view (wider of any comparable model) and excellent depth of field made it easier to spot these migrants among the dense new foliage. Focusing down to 8 feet allowed me to study the eye of an incubating Blue Jay nesting just off my back deck. In addition to the excellent optics, Vortex guarantees these binoculars to be completely waterproof and fog-proof.

The new Razor HDs had a very solid feel, but at nearly 30 ounces they seemed a bit forward-heavy in my hands. The large focus wheel had a nice gripping surface, but on the pair I was testing was very stiff and slow—the five partial turns required to move from Blue Jay nest to tree-top warblers gave my index finger quite a workout. My biggest criticism, though, was that these binoculars seemed to have *too much* eye relief; turning the eyecups all the way down produced noticeable black vignetting with my eyeglasses on. In fact, the correct spot for my eyes was somewhere between the first and second (of four) click-stop points, so I just was never able to get rid of those black circles and enjoy a perfect view. Other people, of course (even other eyeglass-wearers), may not experience this annoyance.

So, although they may not be perfect, the Vortex Razor HDs are well worth a look for birders in the market for excellent yet moderately priced binoculars. They also come in a 10x42 model at roughly the same size, weight, and price, as well as larger and heavier 8.5x50, 10x50, and even 12x50 models. I applaud Vortex for challenging the top manufacturers, while bucking the trend toward absurdly high prices. The *unconditional* lifetime warranty offers an additional incentive, because even accidental, user-induced damage will be repaired or replaced at no cost to the owner. Seems hard to go wrong with that kind of deal, and I look forward to even greater innovation from this newcomer to the high-end optics field.

—Ken Rosenberg

Even the migrating birds wish they could stay longer.




Black and white birds feed a sense of belonging on Little St. James Island, an extraordinary natural sanctuary on Cape Cod.

This picture, taken on the morning of my first visit to the island, shows a flock of birds feeding on the shore. The birds are mostly Black and white, but some are also Red-tailed Tropicbirds. They bring color to the island, and the experience of watching them is unforgettable. The birds are not just a sight, but a sound. They are a part of the island's life, and they are a part of our lives.

For special all-inclusive rates visit LittleStJames.com. Or call (860) 855-0710

LITTLE ST. JAMES ISLAND





EAGLE OPTICS

WWW.EAGLEOPTICS.COM | 800.239.1132



FIND THE RIGHT FIT.

MINOX



Nikon



SWAROVSKI



EAGLE OPTICS

The All NEW
RANGER^{ED}

Extra-Low Dispersion Glass
Fully Multi-Coated Lenses
Dielectric Prism Coatings
Waterproof and Fogproof
Platinum Protection Lifetime
Warranty



"GREAT VALUE!", "VERY SATISFIED!", "AWESOME!"

These are just some of the rave reviews for the Eagle Optics Ranger series of binoculars — now even BETTER with the NEW Ranger ED.

WWW.EAGLEOPTICS.COM

ZEISS

ZEISS

VORTEX

Leica

Leica

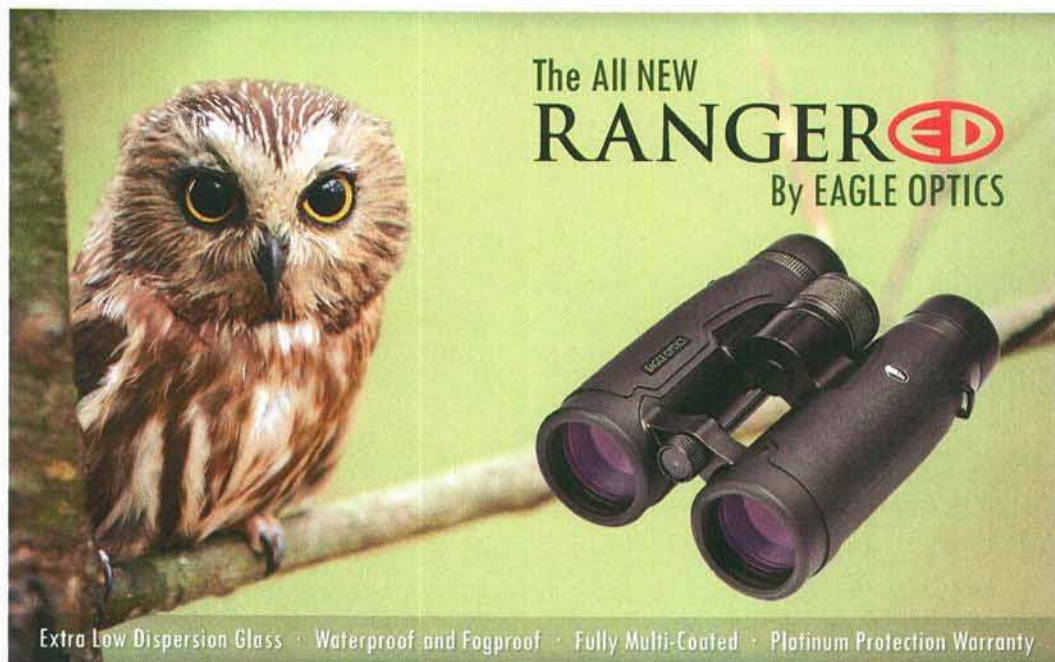
Visit us online to find these major brands as well as Bushnell, Kowa, Leupold, Pentax, Steiner, and others.
The ONLY place where your optics purchase supports the ABA and its programs


EO Ad: Birding Magazing - May/June, 2011



EAGLE OPTICS[®]

OPTIC OUTFITTERS[™]



The All NEW
RANGER 
By EAGLE OPTICS

Extra Low Dispersion Glass · Waterproof and Fogproof · Fully Multi-Coated · Platinum Protection Warranty



“GREAT VALUE!”, “VERY SATISFIED!”, “AWESOME!”

These are just some of the rave reviews for the Eagle Optics Ranger series of binoculars — now even BETTER with the NEW Ranger ED.

WWW.EAGLEOPTICS.COM

Find birding optics and friendly expertise from birding enthusiasts and optics professionals.

These major optic brands and more are all found at www.eagleoptics.com



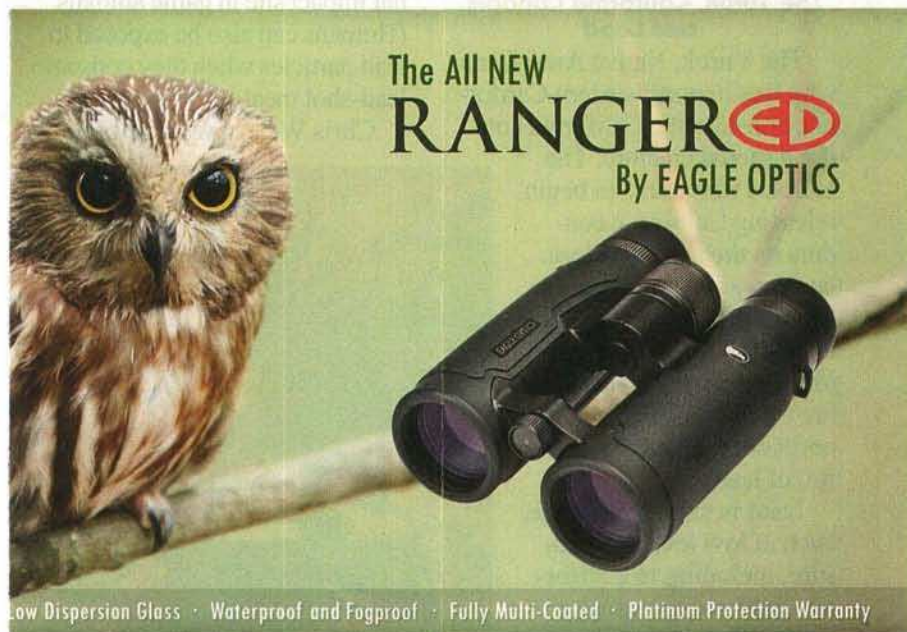
Visit us online for specifications, customer reviews, and great deals!

www.eagleoptics.com | 800-289-1132



EAGLE OPTICS[®]

OPTIC OUTFITTERS[™]



“GREAT VALUE!”...“VERY SATISFIED!”...“AWESOME!”...

These are just some of the rave reviews for the Eagle Optics Ranger series of binoculars — now even BETTER with the NEW Ranger ED.

WWW.EAGLEOPTICS.COM

and birding optics and friendly expertise from birding enthusiasts and optics professionals.

These major optic brands and more are all found at www.eagleoptics.com



Visit us online for specifications, customer reviews, and great deals!

www.eagleoptics.com | 800.289.1132 | Follow us





EAGLE OPTICS®

We know birds, birders, and birding equipment.

SWAROVSKI SPOTTING SCOPE SALE*

Your devotion to birding deserves a spotting scope from a company with a passion for precision. Swarovski fulfills your desire for brilliant views, rich colors, and defined details with its latest generation of ATM/STM spotting scopes. Call Eagle Optics or visit us online to purchase this outstanding scope and eyepiece at substantial savings.



ATM 80 HD / STM 80 HD
ATM 65 HD / STM 65 HD
ALL EYEPIECES



SWAROVSKI
OPTIK

WWW.EAGLEOPTICS.COM | (800) 289-1132



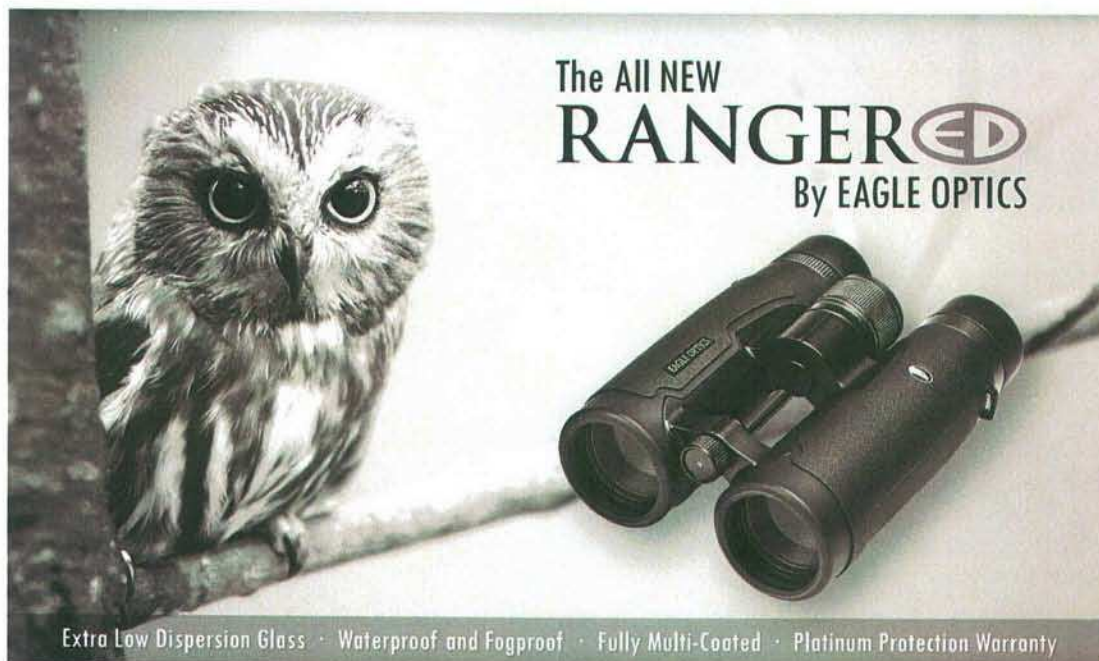
HURRY! NOW FOR A LIMITED TIME.


* Scope body and eyepiece sold separately



EAGLE OPTICS®

OPTIC OUTFITTERS™



The All NEW
RANGER 
By EAGLE OPTICS

Extra Low Dispersion Glass • Waterproof and Fogproof • Fully Multi-Coated • Platinum Protection Warranty

★★★★★
“GREAT VALUE!”, “VERY SATISFIED!”, “AWESOME!”

These are just some of the rave reviews for the Eagle Optics Ranger series of binoculars — now even BETTER with the NEW Ranger ED.

WWW.EAGLEOPTICS.COM

Find birding optics and friendly expertise from birding enthusiasts and optics professionals.

These major optic brands and more are all found at www.eagleoptics.com



Visit us online for specifications, customer reviews, and great deals!

www.eagleoptics.com | 800-289-1132



EAGLE OPTICS®

We know birds, birders, and birding equipment.



The ONLY place
where your optics
purchase supports
the ABA and its
programs

NEW

EL 50 SWAROVISION MORE DETAILS. MORE LIGHT.

When observing nature, seeing fine details can make all the difference – because seeing is knowing. With their incredible detail recognition, the EL 50 SWAROVISION are perfect binoculars for serious birders, where experience is combined with great optical performance.



SWAROVSKI
OPTIK

WWW.EAGLEOPTICS.COM | (800) 289-1132

TRADE-IN SPECIAL

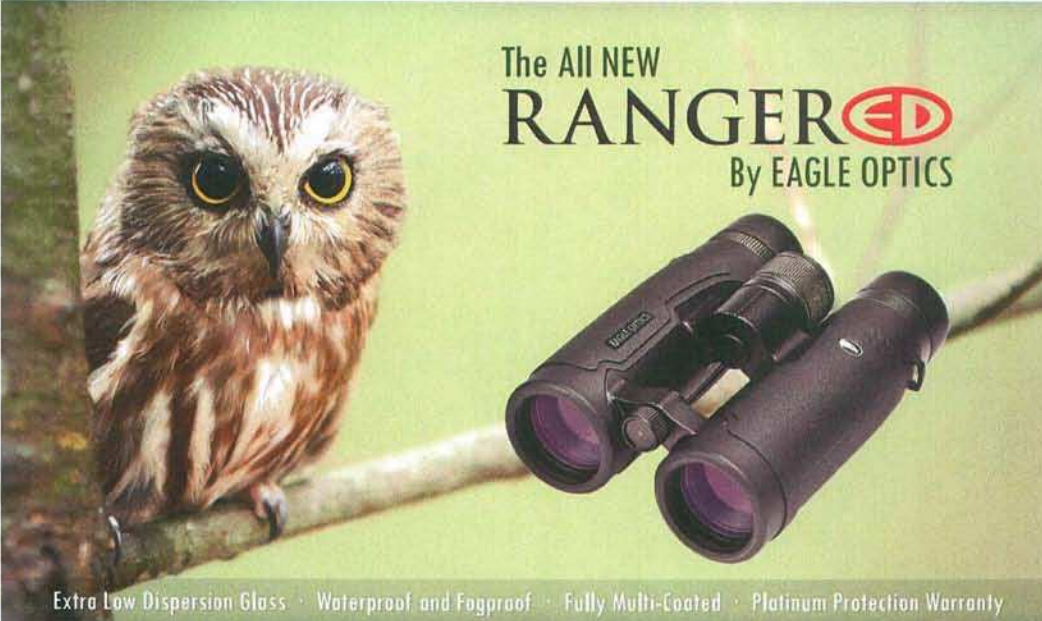
SAVE \$800! Trade in your working condition 42mm EL for an instant \$800 credit toward the purchase of a new Swarovision EL binocular. If you want to try out a Swarovision before sending in your old EL you will have 30 days to try a pair out. Call our staff for more information.*


* \$800 credit available on binoculars purchased at regular pricing. Trade-in binoculars must be in working condition to be eligible.

ED AD: BIRD WATCHERS DIGEST - SEPT/OCT, 2011



EAGLE OPTICS
OPTIC OUTFITTERS™



The All NEW
RANGER 
By EAGLE OPTICS

Extra Low Dispersion Glass · Waterproof and Fogproof · Fully Multi-Coated · Platinum Protection Warranty



"GREAT VALUE!"... "VERY SATISFIED!"... "AWESOME!"...

These are just some of the rave reviews for the Eagle Optics Ranger series of binoculars — now even BETTER with the NEW Ranger ED.

WWW.EAGLEOPTICS.COM

Find birding optics and friendly expertise from birding enthusiasts and optics professionals.

These major optic brands and more are all found at www.eagleoptics.com



Visit us online for specifications, customer reviews, and great deals!

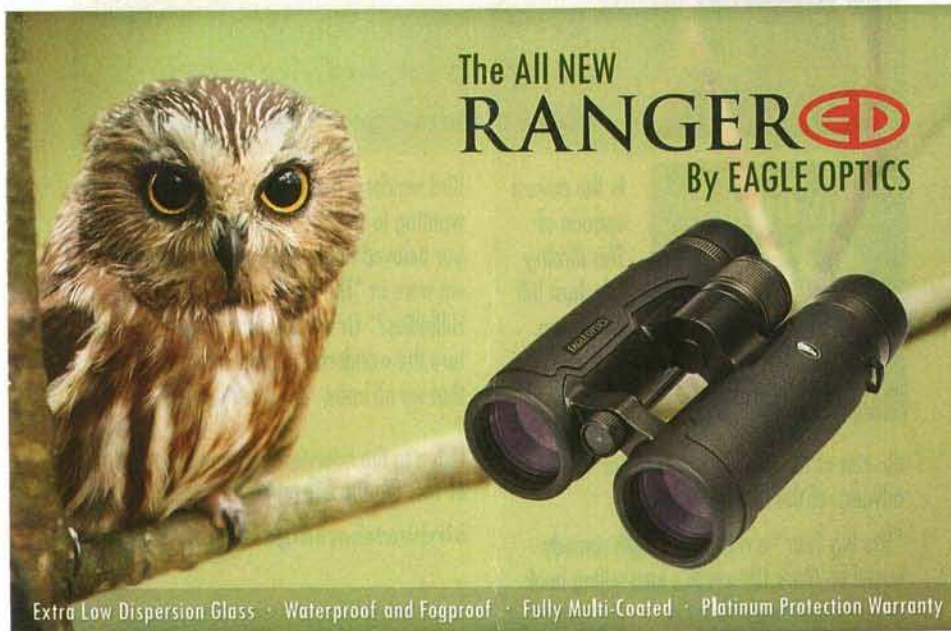
www.eagleoptics.com | 800.289.1132 | Follow us






EAGLE OPTICS[®]

OPTIC OUTFITTERS[™]



The All NEW
RANGER 
By EAGLE OPTICS

Extra Low Dispersion Glass · Waterproof and Fogproof · Fully Multi-Coated · Platinum Protection Warranty



“GREAT VALUE!”...“VERY SATISFIED!”...“AWESOME!”...

These are just some of the rave reviews for the Eagle Optics Ranger series of binoculars — now even BETTER with the NEW Ranger ED.

www.EAGLEOPTICS.COM

Find birding optics and friendly expertise from birding enthusiasts and optics professionals.

These major optic brands and more are all found at www.eagleoptics.com



Visit us online for specifications, customer reviews, and great deals!

www.eagleoptics.com | 800.289.1132 | Follow us



BIRD WATCHERS DIGEST - SEPT/OCT, 2011
- NIKON CO-OP



EAGLE OPTICS®

We know birds, birders, and birding equipment.



**A NEW CLASS OF OPTICS.
FOR A NEW CLASS OF BIRDER.**

EDG BINOCULARS THE CUTTING EDGE IN SPORT OPTICS

- :: Extra-Low Dispersion Glass
- :: Fully Multi-Coated Lenses
- :: Di-Electric Prism Coatings
- :: **Experience a world of wonders beyond your wildest dreams.**

WWW.EAGLEOPTICS.COM | 800.289.1132

FOLLOW US ON



Bird Watchers Digest - Sept/Oct, 2011
- Nov/Dec, 2011



EAGLE OPTICS®

We know birds, birders, and birding equipment.



**A NEW CLASS OF OPTICS.
FOR A NEW CLASS OF BIRDER.**

EDG BINOCULARS THE CUTTING EDGE IN SPORT OPTICS

- :: Extra-Low Dispersion Glass
- :: Fully Multi-Coated Lenses
- :: Di-Electric Prism Coatings
- :: **Experience a world of wonders beyond your wildest dreams.**

WWW.EAGLEOPTICS.COM | 800.289.1132

FOLLOW US ON





EAGLE OPTICS®

We know birds, birders, and birding equipment.



EDG

**A NEW CLASS OF OPTICS.
FOR A NEW CLASS OF BIRDER.**

EDG BINOCULARS THE CUTTING EDGE IN SPORT OPTICS

- :: Extra-Low Dispersion Glass
- :: Fully Multi-Coated Lenses
- :: Di-Electric Prism Coatings
- :: **Experience a world of wonders beyond your wildest dreams.**

www.EAGLEOPTICS.COM | 800.289.1132

FOLLOW US ON





EAGLE OPTICS®

We know birds, birders, and birding equipment.



EDG

**A NEW CLASS OF OPTICS.
FOR A NEW CLASS OF BIRDER.**

EDG BINOCULARS THE CUTTING EDGE IN SPORT OPTICS

- :: Extra-Low Dispersion Glass
- :: Fully Multi-Coated Lenses
- :: Di-Electric Prism Coatings
- :: **Experience a world of wonders beyond your wildest dreams.**

WWW.EAGLEOPTICS.COM | 800.289.1132

FOLLOW US ON



Living Bird Magazine, Autumn-2011



EAGLE OPTICS®

We know birds, birders, and birding equipment.

NEW

EL 50 SWAROVISION MORE DETAILS. MORE LIGHT.

When observing nature, seeing fine details can make all the difference – because seeing is knowing. With their incredible detail recognition, the EL 50 SWAROVISION are perfect binoculars for serious birders, where experience is combined with great optical performance.



SWAROVSKI
OPTIK

WWW.EAGLEOPTICS.COM | (800) 289-1132

TRADE-IN SPECIAL

SAVE \$800! Trade in your working condition 42mm EL for an instant \$800 credit toward the purchase of a new Swarovision EL binocular. If you want to try out a Swarovision before sending in your old EL you will have 30 days to try a pair out. Call our staff for more information. *

* \$800 credit available on binoculars purchased at regular pricing. Trade-in binoculars must be in working condition to be eligible.

LIVING BIRD MAG., WINTER, 2011



EAGLE OPTICS®

We know birds, birders, and birding equipment.




SWAROVSKI
OPTIK

CL COMPANION

IMPRESSIVE PERFORMANCE. WITHIN REACH.

- :: **COMPACT** 4.7 inches x 4.5 inches
- :: **LIGHTWEIGHT** 17.6 ounces
- :: **OPTICAL EXCELLENCE** Swarobright | Swarodur | Swarotop


LEGENDARY SWAROVSKI PERFORMANCE FOR YOUR POCKET




STARTING AT
\$929

www.EAGLEOPTICS.COM | (800) 289-1132 | FOLLOW US



 **EAGLE OPTICS**
Optic Outfitters
800-289-1132
www.eagleoptics.com

THE PENTAX
Papilio



Clearly Better Views From 18 Inches!

*Rio Grande Valley Birding & Butterfly, May
July 2011*

EAGLE OPTICS®

Optic Outfitters



Visit us in the exhibitor area



About us

800-289-1132

www.eagleoptics.com

SpaceCoast Festival program

8/19/11

1/25-30/2012



Middleton High School Wall Calendar 2011-2012

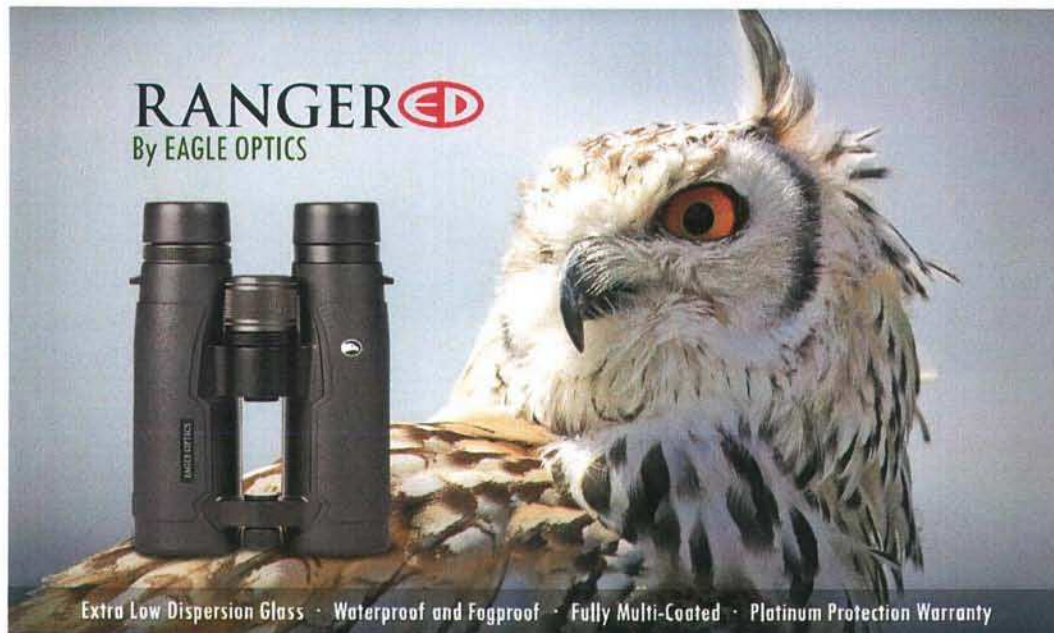
BWD-2012-1

eo_bwd_2012_0102.ai 1 1/25/2012 10:56:43 AM



EAGLE OPTICS®

OPTIC OUTFITTERS™



RANGER ED
By EAGLE OPTICS

Extra Low Dispersion Glass · Waterproof and Fogproof · Fully Multi-Coated · Platinum Protection Warranty



“GREAT VALUE!”...“VERY SATISFIED!”...“AWESOME!”...

These are just some of the rave reviews for the Eagle Optics Ranger series of Binoculars — now even BETTER with the Ranger ED.

www.EAGLEOPTICS.COM

Find birding optics and friendly expertise from birding enthusiasts and optics professionals.

These major optic brands and more are all found at www.eagleoptics.com



Visit us online for specifications, customer reviews, and great deals!

www.eagleoptics.com | 800.289.1132 | Follow us



BWD-2012-2



Exclusive SALE
85mm Zeiss Diascope
with 20-75x Eyepiece
STARTING AT \$1,999.00
*Limited Quantities


Time for that scope upgrade?
We've got you covered!



Find these scopes and more at our online optics superstore!
www.EAGLEOPTICS.com



EAGLE OPTICS
OPTICS OUTFITTERS

800.239.1182 | FOLLOW US ►   

OUR HIGH STANDARDS
JUST GOT HIGHER.



ALL NEW
GOLDEN EAGLE™ HD



FEATURES

The new Eagle Optics® Golden Eagle™ makes watching the soaring antics of eagles, warblers, and everything in between a pure joy. The rugged and lightweight Golden Eagle houses High Density (HD) extra-low dispersion glass with fully multi-coated lenses that engulf you in fine details, rich color, and bright views.

► High Density Extra-Low Dispersion Glass ► Fogproof & Waterproof ► Platinum Protection Lifetime Warranty



EAGLE OPTICS®
OPTIC OUTFITTERS

WWW.EAGLEOPTICS.COM | 800.289.1132 | FOLLOW US ►



Birdwatchers Digest: July/August, 2012

OUR HIGH STANDARDS
JUST GOT HIGHER.






FEATURES

The new Eagle Optics Golden Eagle makes watching the soaring antics of eagles, warblers, and everything in between a pure joy. The rugged and lightweight Golden Eagle houses High Density (HD) extra-low dispersion glass with fully multi-coated lenses that engulf you in fine details, rich color, and bright views.

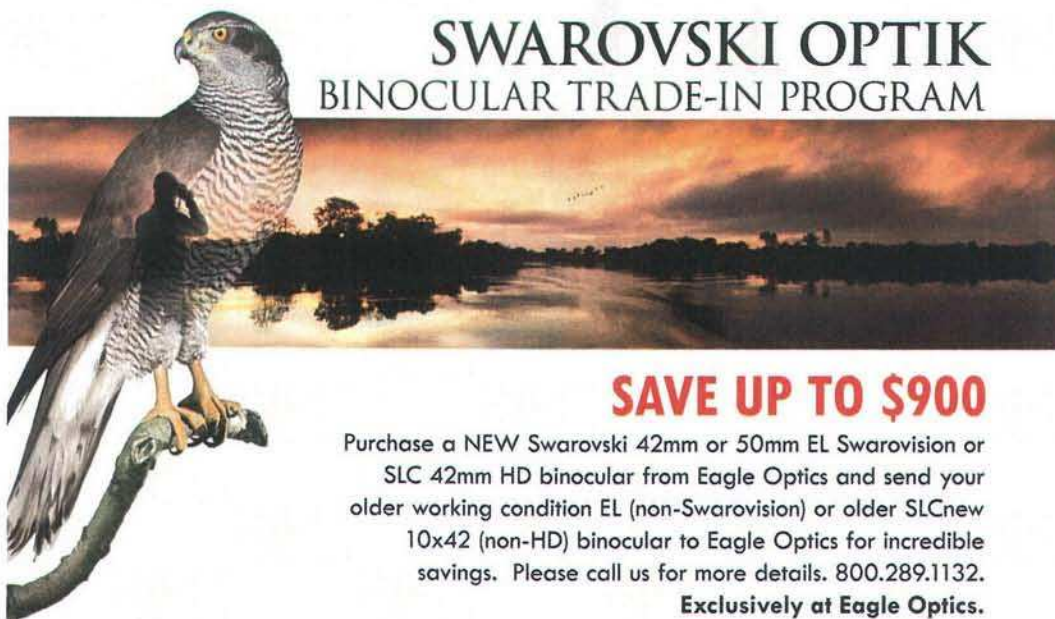
► High Density Extra-Low Dispersion Glass ► Fogproof & Waterproof ► Platinum Protection Lifetime Warranty



EAGLE OPTICS
OPTIC OUTFITTERS

WWW.EAGLEOPTICS.COM | 800.289.1132 | FOLLOW US ►   

Birdwatchers Digest: May/June, 2012



SWAROVSKI OPTIK BINOCULAR TRADE-IN PROGRAM

SAVE UP TO \$900

Purchase a NEW Swarovski 42mm or 50mm EL Swarovision or SLC 42mm HD binocular from Eagle Optics and send your older working condition EL (non-Swarovision) or older SLCnew 10x42 (non-HD) binocular to Eagle Optics for incredible savings. Please call us for more details. 800.289.1132.

Exclusively at Eagle Optics.

SLC HD



EL SWAROVISION



EAGLE OPTICS
OPTIC OUTFITTERS

WWW.EAGLEOPTICS.COM | 800.289.1132 | FOLLOW US ▶   


VORTEX 
NEVER MISS A THING.

VORTEX VIPER SPOTTING SCOPE

Extra-low Dispersion Glass :: Variable Zoom Eyepiece :: Dual Focus :: View-through Case
Picatinny Rail Mount :: Sunshade :: Unconditional Lifetime VIP Warranty



EAGLE OPTICS
OPTIC OUTFITTERS

www.EAGLEOPTICS.com | 800.289.1132 | FOLLOW US ►   



EAGLE OPTICS

WWW.EAGLEOPTICS.COM | 800.289.1132



FIND THE RIGHT FIT.



The All NEW ★★★★★
RANGER ED

"GREAT VALUE!"
"VERY SATISFIED!"
"AWESOME!"

These are just some of the rave reviews for the Eagle Optics Ranger series of binoculars — now even BETTER with the NEW Ranger ED.

Extra-Low Dispersion Glass | Fully Multi-Coated Lenses | Platinum Protection Lifetime Warranty

Visit us online to find these major brands as well as Bushnell, Leupold, Pentax and others.
The ONLY place where your optics purchase supports the ABA and its programs.

FOLLOW US ON ▶



Exclusive SALE
 85mm Zeiss Diascope
 with 20-75x Eyepiece
STARTING AT \$1,999.00
*Limited Quantities



ZEISS

Time for that scope upgrade?
We've got you covered!



Find these scopes and more
 at our online optics superstore!
www.EAGLEOPTICS.com



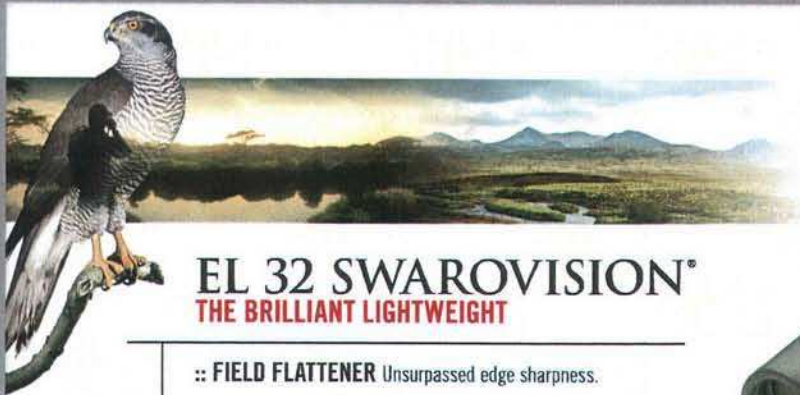
EAGLE OPTICS
 OPTICS OUTFITTERS

800.289.1132 | FOLLOW US ▶   



EAGLE OPTICS

We know birds, birders, and birding equipment.
The ONLY place where your optics purchase supports the ABA and its programs.



EL 32 SWAROVISION® THE BRILLIANT LIGHTWEIGHT

- :: **FIELD FLATTENER** Unsurpassed edge sharpness.
- :: **WIDE FIELD-OF-VIEW** 8x - 423 feet at 1000 yards.
- :: **COMPACT AND LIGHTWEIGHT** 5.3 inches x 4.3 inches, 20.5 ounces.

LEGENDARY SWAROVISION® TECHNOLOGY FOR YOUR POCKET



SWAROVSKI
OPTIK

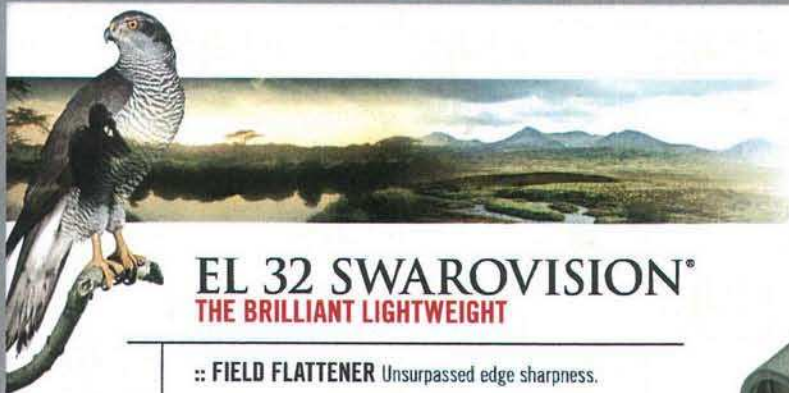
www.EAGLEOPTICS.COM | (800) 289-1132 | FOLLOW US





EAGLE OPTICS

We know birds, birders, and birding equipment.
The ONLY place where your optics purchase supports the ABA and its programs.



EL 32 SWAROVISION® THE BRILLIANT LIGHTWEIGHT

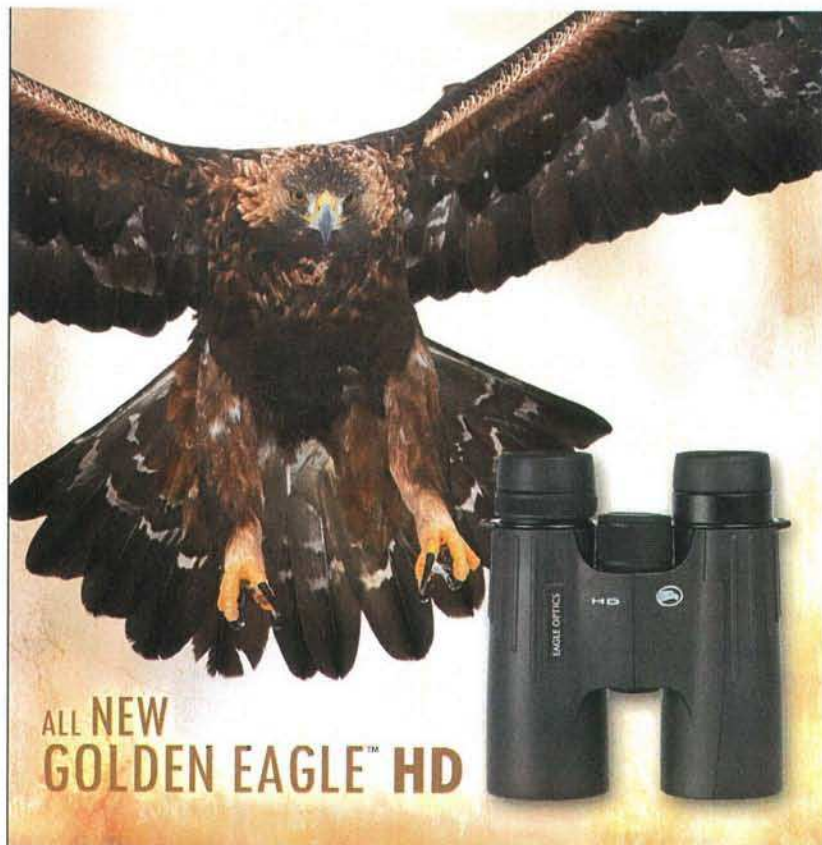
- :: **FIELD FLATTENER** Unsurpassed edge sharpness.
- :: **WIDE FIELD-OF-VIEW** 8x - 423 feet at 1000 yards.
- :: **COMPACT AND LIGHTWEIGHT** 5.3 inches x 4.3 inches, 20.5 ounces.

LEGENDARY SWAROVISION® TECHNOLOGY FOR YOUR POCKET



www.EAGLEOPTICS.COM | (800) 289-1132 | FOLLOW US





OUR **HIGH** STANDARDS
JUST GOT **HIGHER.**



FEATURES

The new Eagle Optics® Golden Eagle™ makes watching the soaring antics of eagles, warblers, and everything in between a pure joy. The rugged and lightweight Golden Eagle houses High Density (HD) extra-low dispersion glass with fully multi-coated lenses that engulf you in fine details, rich color, and bright views.

- ▶ High Density Extra-Low Dispersion Glass
- ▶ Fogproof and Waterproof
- ▶ Platinum Protection Lifetime Warranty



EAGLE OPTICS®
OPTIC OUTFITTERS

WWW.EAGLEOPTICS.COM | 800.289.1132 | FOLLOW US ▶   

/// VICTORY HT

ZEISS. INNOVATIVE SINCE 1846.

THE BRIGHTEST PREMIUM BINOCULARS IN THE WORLD.



We make it visible.



The new VICTORY HT.

The new Carl Zeiss VICTORY HT binoculars allow you to experience nature in a whole new dimension: up to more than 95% light transmission. This value is revolutionary and is the result of an innovative optical concept from Carl Zeiss. HT-glass from SCHOTT, Carl Zeiss T* multi-layer coating and the use of the Abbe-König prism system all combine to give the VICTORY HT unrivalled brightness and contrast, and to lengthen observation times dramatically.

AVAILABLE NOW AT EAGLE OPTICS.



EAGLE OPTICS

The ONLY place where your optics purchase supports the ABA and its programs.

www.EAGLEOPTICS.COM | (800) 289-1132 | FOLLOW US



Birding Magazine: September/October, 2012 (Zeiss Co-op)

RANGER 
By EAGLE OPTICS






★★★★★
Waterproof & Fogproof
Extra-Low Dispersion Glass

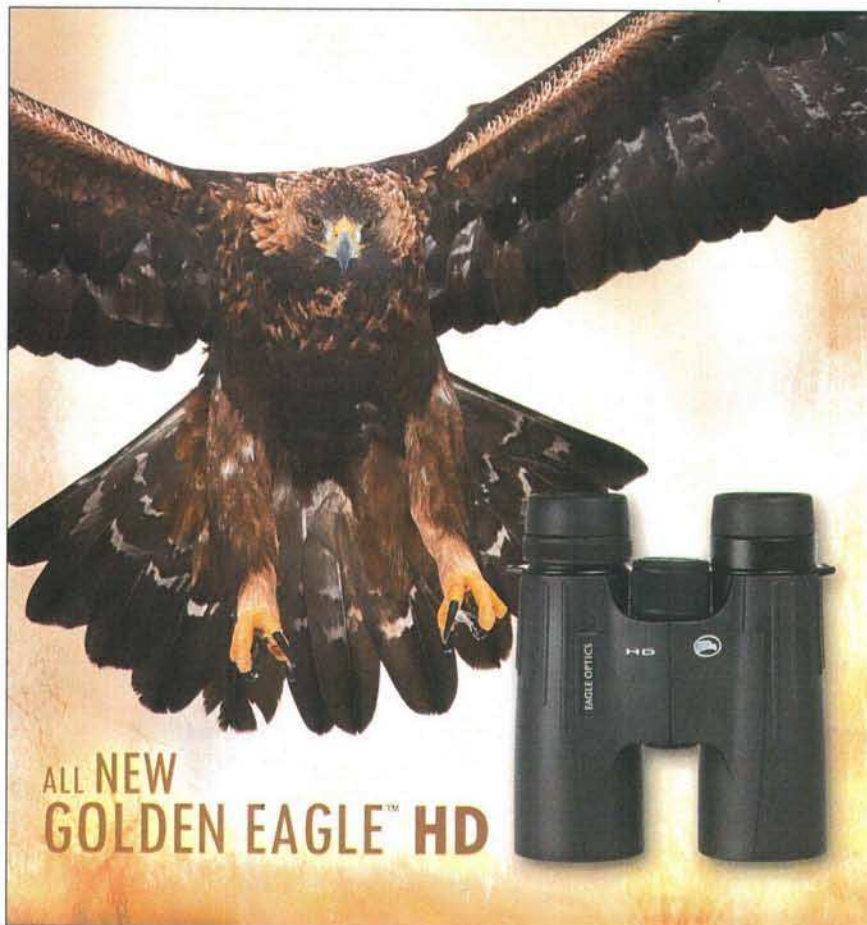
★★★★★ **"GREAT VALUE!"... "VERY SATISFIED!"... "AWESOME!"** ★★★★★
These are just some of the rave reviews for the Eagle Optics Ranger series
of Binoculars — now even BETTER with the Ranger ED.

★★★★★
Fully Multi-coated
Platinum Protection Warranty



EAGLE OPTICS

www.EAGLEOPTICS.com | 800.289.1132 | Follow Us ▶   



OUR **HIGH** STANDARDS
JUST GOT **HIGHER.**






FEATURES

The new Eagle Optics® Golden Eagle™ makes watching the soaring antics of eagles, warblers, and everything in between a pure joy. The rugged and lightweight Golden Eagle houses High Density (HD) extra-low dispersion glass with fully multi-coated lenses that engulf you in fine details, rich color, and bright views.

- ▶ High Density Extra-Low Dispersion Glass
- ▶ Fogproof and Waterproof
- ▶ Platinum Protection Lifetime Warranty



EAGLE OPTICS®
OPTIC OUTFITTERS

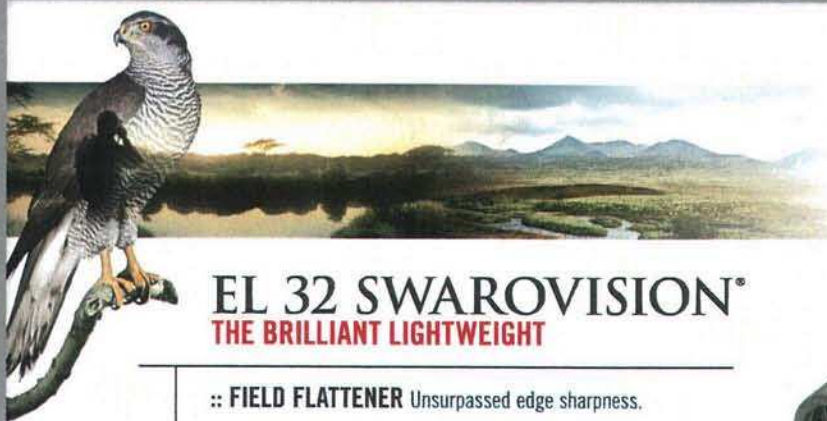
WWW.EAGLEOPTICS.COM | 800.289.1132 | FOLLOW US   

Living Bird - Summer, 2012



EAGLE OPTICS

We know birds, birders, and birding equipment.



EL 32 SWAROVISION® THE BRILLIANT LIGHTWEIGHT

- :: **FIELD FLATTENER** Unsurpassed edge sharpness.
- :: **WIDE FIELD-OF-VIEW** 8x - 423 feet at 1000 yards.
- :: **COMPACT AND LIGHTWEIGHT** 5.3 inches x 4.3 inches, 20.5 ounces.

LEGENDARY SWAROVISION® TECHNOLOGY FOR YOUR POCKET

SWAROVSKI®
OPTIK



WWW.EAGLEOPTICS.COM | (800) 289-1132 | FOLLOW US



WB-2012-1



EAGLE OPTICS®

We know birds, birders, and birding equipment.



NIKON
Fieldscope ED 50



Carrying A Scope Has Never Been Easier!

Capture all the action without being weighed down.

- :: Edge to edge sharpness with EXTRA-LOW DISPERSION GLASS.
- :: Optimal light transmission with FULLY MULTI-COATED LENSES.
- :: Compact length and weight: 8 INCHES and 16 OUNCES.
- :: Included 13-30x ZOOM EYEPIECE.

NIKON. NEXT GENERATION. NOW.

www.EAGLEOPTICS.COM | 800.289.1132

FOLLOW US ON   

10N-2012-1

PENTAX

Get Closer With Pentax Binoculars.



PENTAX DCF-CS 8x42
\$229.99



PENTAX DCF-SP 8x43
\$499.00



PENTAX DCF-BC 9x32
\$249.99



EAGLE OPTICS

OPTICS OUTFITTERS

Find these binoculars and more at our online optics superstore!
www.EAGLEOPTICS.com | 800.289.1132



Indiana Outdoor News - 02/2012, Pentax Ad

10N-2012-1

PENTAX

Get Closer With Pentax Binoculars.



PENTAX DCF-CS 8x42
\$229.99



PENTAX DCF-SP 8x43
\$499.00



PENTAX DCF-BC 9x32
\$249.99



EAGLE OPTICS®

OPTICS OUTFITTERS

Find these binoculars and more at our online optics superstore!

www.EAGLEOPTICS.com | 800.289.1132 |



Indiana Outdoor News - 02/2012, Pentax Ad

OUR HIGH STANDARDS
JUST GOT HIGHER.



FEATURES

The new Eagle Optics® Golden Eagle™ makes watching the soaring antics of eagles, warblers, and everything in between a pure joy. The rugged and lightweight Golden Eagle™ houses High Density (HD) extra-low dispersion glass with fully multi-coated lenses that engulf you in fine details, rich color, and bright views.

► High Density Extra-Low Dispersion Glass ► Fogproof & Waterproof ► Platinum Protection Lifetime Warranty



EAGLE OPTICS®
OPTIC OUTFITTERS

WWW.EAGLEOPTICS.COM | 800.289.1132 | FOLLOW US ►



**EXHIBIT C
TO DECLARATION OF
BEN LIZDAS**

SMALL AND PERFECT

EL 32 SWAROVISION. THE BRILLIANT LIGHTWEIGHT

So lightweight. So compact. So extraordinary. No matter if you explore nature in your vicinity or in distant countries, this handy masterpiece offers best optical qualities such as perfect contrast right up to the periphery, highest color fidelity, brilliant colors and a 100 % wide-angle field of view even for eyeglass wearers.



NEW
SWAROVISION



SEE THE UNSEEN
WWW.SWAROVSKIOPTIK.COM

SWAROVSKI OPTIK NA LTD
Tel. 800-426-3089
info@swarovskioptik.us
facebook.com/swarovskioptiknorthamericabirding


SWAROVSKI
OPTIK

ID Yourself: Know Egrets

Vol. 34 No. 6, July/August 2012

BIRDWATCHER'S DIGEST

Species Profile:
SORA!



Tips for Traveling
Birders

Birding in
Afghanistan
Far Afield
Israel's Hu
Valley

#BXNRNLW *****AUTO**S-DIGIT 53562
#09137774 5# 07.08 JAN 13
PLT 1 D05
CATHY GOTTSACKER
EAGLE OPTICS
2120 W GREENVIEW DR
MIDDLETON WI 53562-2547



BIRD WATCHER'S DIGEST

JULY/AUGUST 2012

EXPERIENCE A NATURAL SLICE

of Heaven

INAUGURAL WINGS AND WILDFLOWERS FESTIVAL 2012

Lake County's Birding Festival
SEPTEMBER 28-30

www.LakeCountyFL.com, keyword: birding

1-800-430-LAKE



BIRDWATCHER'S DIGEST

July/August 2012

32

FEATURES

24 Our Cover Species:

Sora
Rick Wright

32 ID Yourself:

Egrets
Alvaro Jaramillo

40 Birding on Kauai

Bill Sherwonit

46 Killer Pipes: Threatening Birds in the West

Paul J. Baicich

52 Birding with a Helmet On

John Rouse

58 Bruce Peninsula Birding

Jerry Uhlman

THE BACKYARD

66 A Loonatic

Al Batt

70 Sanctuary

Irene Wanner

74 My Way: A Local Big Year

Kyle Carlsen

78 The Bird Watcher's Question Box

Kevin J. Cook

About the Cover

"Sora—Backwater Prowler"

by Alan Messer

To order a framed reproduction of this illustration,
see page 112.

Exclusive online content at birdwatchersdigest.com

When you see this icon at the end of an article, follow it to our
website for more information on that topic.

24

Columns & Departments

8 Letters from Readers

12 Quick Takes

Paul J. Baicich

16 After the Spark:

In Praise of One-
Word Birds

Kenn Kaufman

82 True Nature:

Uneasy Rider

Julie Zickefoose

88 Far Afield:

Birding Israel's
Hula Valley

Bill Thompson, III

100 Book Notes

102 Well-Equipped

Birder: Tips for
Traveling Birders

Simon Thompson

96 Watching Bird

Behavior:

The Impact of Light

David M. Bird



BIRDWATCHER'S DIGEST

North America's favorite birding magazine since 1978

FOUNDING PUBLISHERS	William H. Thompson (1932 – 2011) & Elsa Ekenstierna Thompson
CO-PUBLISHER AND DIRECTOR OF SALES	Andrew M. Thompson
CO-PUBLISHER AND EDITOR	William H. Thompson, III
EDITORIAL	Jim Cirigliano, <i>Managing Editor</i> Kyle Carlsen, <i>Intern</i>
PRODUCTION	Claire Mullen, <i>Director</i> Amanda Nicholson, <i>Intern</i>
EDITORIAL CONSULTANT	Elizabeth Pierson
CONTRIBUTING EDITORS	Chuck Bernstein, Edward Kanze, Kenn Kaufman, Jim McCormac, Lola Oberman, Diane Porter, Norma Siebenheller, Julie Zickefoose
FIELD EDITORS	Jeffrey A. Gordon, Alvaro Jaramillo, Howard Youth, John Riutta
EUROPEAN EDITORS	Nicholas Hammond, Peter Holt
CONTRIBUTING PHOTOGRAPHERS	Steve and Dave Maslowski, Arthur Morris
ADVERTISING	Chris Blondel, <i>Director, Print & Digital</i>
MARKETING	Laura Thompson Fulton, <i>Director</i> Jessica Moyer, <i>Assistant</i>
WEB MASTER	Katherine Koch
CONTROLLER	Ann Kerenyi
FULFILLMENT & SUBSCRIBER SERVICES	Michelle Morrison
MERCHANDISE MANAGER	Susan L. Stacy



Read our digital edition at birdwatchersdigest-digital.com

Contact Us

ADVERTISING/SUBSCRIPTION INFORMATION

Bird Watcher's Digest
P.O. Box 110
Marietta, OH 45750

CUSTOMER SERVICE

800-879-2473 or (740) 373-5285

E-MAIL

Advertising: advertising@birdwatchersdigest.com

Editorial: bwd@birdwatchersdigest.com

BIRD WATCHER'S DIGEST (ISSN 0164-3037) is published bimonthly by Pardon Corporation. Periodicals postage paid at Marietta, OH 45750, and additional entry—USPS 0459-610. Canadian publications agreement number: 40030947. Return Undeliverable Canadian Addresses to: RRD, PO Box 2600, Mississauga ON L4T 0A8; Email: customerservice@birdwatchersdigest.com. Our offices are located at 149 Acme Street, Marietta, OH 45750. POSTMASTER: Send change of address to: Bird Watcher's Digest, P.O. Box 110, Marietta, OH 45750. Printed in the U.S.A. Rates: Single copy \$6.00 ppd to U.S. (\$7.00 ppd to Canada); Annual subscription price \$19.99 per year in the United States; add \$5.00 more for Canada and copy \$6.00 ppd to U.S. (\$7.00 ppd to Canada). U.S. FUNDS ONLY PLEASE. Library rate is \$19.99 for two years. Address all correspondence to the address above or to our website at www.birdwatchersdigest.com. Although all reasonable care is taken, we cannot accept responsibility for submissions of unsolicited manuscripts, photographs, or artwork. Enclose a self-addressed, stamped envelope if material is to be returned. The opinions expressed by authors do not necessarily reflect the policy of Bird Watcher's Digest.

Coming Up Next

- ❖ Cover Profile: Common Raven
- ❖ Trends in Bird Feeders
- ❖ ID Yourself: Thrushes
- ❖ Gulf Stream Birding
- ❖ Hoosier Holiday—Birding in Indiana

OUR HIGH STANDARDS JUST GOT HIGHER.



ALL NEW GOLDEN EAGLE™ HD

FEATURES

The new Eagle Optics® Golden Eagle™ makes watching the soaring antics of eagles, warblers, and everything in between a pure joy. The rugged and lightweight Golden Eagle houses High Density (HD) extra-low dispersion glass with fully multi-coated lenses that engulf you in fine details, rich color, and bright views.



► High Density Extra-Low Dispersion Glass ► Fogproof & Waterproof ► Platinum Protection Lifetime Warranty



EAGLE OPTICS®

OPTIC OUTFITTERS

WWW.EAGLEOPTICS.COM | 800.289.1132 | FOLLOW US ►



BWD NATURE SHOP

"Sora—Backwater Prowler"

by Alan Messer



Like any bird watcher, I'm thrilled by a sighting of the furtive sora. This picture was developed from notes of the rails' visit to a muddy corner of New York's Central Park a few years ago. I offer these cryptic little charmers as an answer to the question I often hear, "What good is that swampy patch?"



Alan Messer is the president of the Linnaean Society of New York. His works have been shown at the Cape May Bird Observatory, Jamaica Bay Wildlife Refuge, and the Lincoln Center. His illustrations appear in books, field guides, and periodicals, including BWD's The Backyard Birds Newsletter.

*"Sora—Backwater Prowler"*Alan Messer
Birdwatchers Digest

Fine Art Giclées—Giclées (pronounced *jhee-clays*) are produced using high-tech printing equipment that sprays millions of digitally-matched archival ink droplets per second onto a canvas surface. Giclée printing has become the "gold standard" in the past 10 years—an important part of the print world. This blend of technology and fine art looks so much like the original work that even astute collectors do double takes. Giclées on canvas are meant to be enjoyed without glass. The actual image size is 14" x 11", and the

framed size is 17.625" x 14.5". The full color reproduction is printed on canvas made especially for giclée printing. Mounted and/or framed prints usually ship in approximately 14 business days.

Collector's Giclée framed with linen liner and name plate as shown.. #1073F \$175*

Collector's Giclée mounted on Fomecore (No liner)#1073U \$110*

*Includes S/H for U.S. residents only, call for shipping costs outside of the continental U.S.

See more great products online at birdwatchersdigest.com/shop
Or call 800-879-2473 x305

SWAROVSKI OPTIK

BINOCULAR TRADE-IN PROGRAM

**SAVE UP TO \$900**

Purchase a NEW Swarovski 42mm or 50mm EL Swarovision or SLC 42mm HD binocular from Eagle Optics and send your older working condition EL (non-Swarovision) or older SLChew 10x42 (non-HD) binocular to Eagle Optics for incredible savings. Please call us for more details. 800.289.1132.

Exclusively at Eagle Optics.

SLC HD






EL SWAROVISION



EAGLE OPTICS

OPTIC OUTFITTERS

WWW.EAGLEOPTICS.COM | 800.289.1132 | FOLLOW US   

**EXHIBIT D
TO DECLARATION OF
BEN LIZDAS**

LIVING BIRD

Cornell Lab of Ornithology

SPRING 2012



LIVING BIRD

Spring 2012 Volume 31 / Number 2

The **Cornell** Lab
of Ornithology

*Our Mission: To interpret and conserve the earth's
biological diversity through research, education,
and citizen science focused on birds.*



Cover: The Yellow-eyed Penguin is a New Zealand endemic that nests in forests or scrub. Read more about this and other New Zealand birds on page 18. Photograph by Cliff Beittel.

Back cover: The Bushtit is one of the smallest passerines in North America. It builds a pendant nest (shown in photograph) that is made of moss and lichens, held together with spider-web silk, and lined with feathers. Photograph by Gerrit Vyn.

Features

- 18 Seabirds Off the Beaten Path *by Cliff Beittel*
With the penguins and albatrosses on the faraway isles of Aotearoa.
- 28 Last Chance for the World's Rarest Eagle
by George Oxford Miller
A captive-breeding and release program offers new hope for the vanishing Philippine Eagle.

Columns & Departments

- | | |
|--|--|
| 4 Letters | 39 Birding Escapes
<i>by Bobby Harrison</i> |
| 6 Around the Lab | 41 The Catbird Seat
<i>by Pete Dunne</i> |
| 8 ScienceScope
<i>by Gustave Axelsson</i> | 42 Books for Birders
<i>by Stephen J. Bodio</i> |
| 12 Flying Field
<i>by Mel White</i> | 46 A Naturalist's Notebook
<i>by John Schmitt</i> |
| 36 In the Field
<i>by Jack Connor</i> | |



LIVING BIRD

Spring 2012

Volume 31 / Number 2

Editorial Staff

Editor-in-Chief: Tim Gallagher
Design Director: Kat Dalton
Science Editors: Gustave Axelson
Hugh Powell
Technical Editors: Kevin J. McGowan
Kenneth V. Rosenberg
Staff Writer: Pat Leonard
Publications Assistant: Jennifer Smith
Contributing Editors: Stephen J. Bodio
Jack Connor
Pete Dunne
Mel White
David S. Wilcove
Advertising Manager: Susanna Lawson

Administrative Staff

Louis Agassiz Fuertes Director:
John W. Fitzpatrick
Senior Director, Administration & Business Operations:
Adriane Callinan
Senior Director, Development & Philanthropy:
Sean Scanlon
Senior Director, Communications:
Miyoko Chu
Director, Annual Fund & Stewardship:
Scott Sutcliffe
Director, Program Development & Evaluation:
Richard E. Bonney, Jr.
Director, Multimedia:
John Bowman
Director, Bioacoustics Research Program:
Christopher W. Clark
Director, Bird Population Studies:
André A. Dhondt
Director, Citizen Science:
Janis Dickinson
Director, Marketing:
Mary Guthrie
Director, Information Science:
Steve Kelling
Director, Fuller Evolutionary Biology:
Irby J. Lovette
Acting Director, Conservation Science:
Ron Rohrbach
Director, Education:
Nancy M. Trautmann
Director, Macaulay Library:
Michael S. Webster

Administrative Board

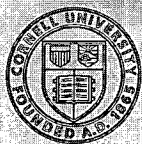
Edward W. Rose III, Chair
Philip H. Bartels
Andrew H. Bass
Robert B. Berry
James R. Carpenter
Scott V. Edwards
Alexander Ellis III
William T. Ellison
Russell B. Faucett
John H. Foote
Alan J. Friedman
H. Laurance Fuller
Ronald R. Hoy
Imogene P. Johnson
Eric J. Jolly
Austin H. Kiplinger
Kathryn M. Kiplinger
David S. Litman
Linda R. Macaulay
Claudia Madrazo
William K. Michener
Edwin H. Morgens
Leigh H. Perkins, Jr.
H. Charles Price
Elizabeth T. Rawlings
Maria Schneider
Julia M. Schnuck
Robert F. Schumann
Jennifer P. Speers
David W. Winkler

Living Bird, ISSN 1059-521-X, is published quarterly, in winter, spring, summer, and autumn, by the Cornell Lab of Ornithology. Periodicals postage is paid at Ithaca, New York.

POSTMASTER: Send address changes to *Living Bird*, 159 Sapsucker Woods Road, Ithaca, New York 14850. Telephone: (607) 254-BIRD. *Living Bird* is free to members of the Lab, a nonprofit membership organization. Our mission: To interpret and conserve the earth's biological diversity through research, education, and citizen science focused on birds.

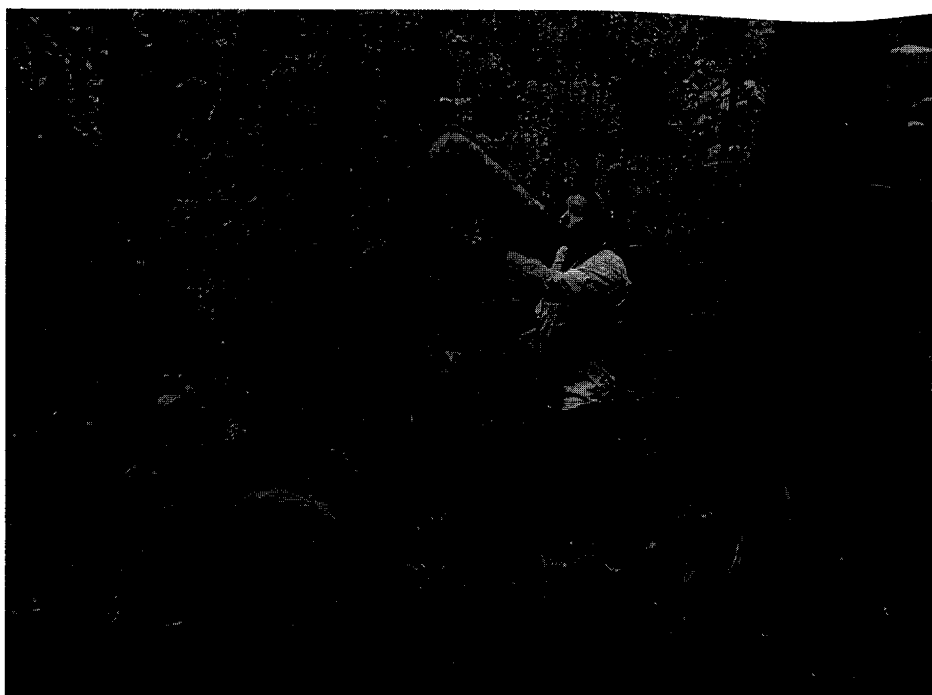
For more information please write to our Membership Department. Membership is \$40 a year. The Lab assumes no responsibility for unsolicited photographs or manuscripts.

Copyright 2012 Cornell University.



Cornell University

Letters



TIM LAMAN

Mixed Reviews

Mel White's "Terra Incognita" (Winter 2012), describing the expedition into the Foja Mountains of New Guinea, misses the mark. The article would be more suitable for an adventure travel magazine than a scientific/citizen-science journal such as *Living Bird*. The author does a nice job of describing the geology and location of the Fojas as well as the interactions and contributions of the indigenous people during the expedition. There are also good descriptions of the birds in or near camp and the difficult camp logistics. Unfortunately, the purpose of the expedition and its importance to the Cornell Lab and the benefits to the Fojas, its endemic species, ecosystems, and ongoing conservation is limited to the phrase, "to continue the exploration and research."

Nowhere does the author provide a summary about the research being conducted, other than stating nine pages into the article, "People were actually doing research." He describes Ed Scholes' work of wanting to prove the Carola's Parotia should be split into separate species and of "Nev" seeing an unknown pigeon and

wanting to kill it with an air rifle presumably to collect the skin. The reader receives zero context as to the breadth and vision of the research being done, its purpose or importance. The author mentions the mining and logging companies but fails to describe the status of the Foja Mountains or any of the ongoing conservation initiatives, if any, to protect them.

This article was the main feature for the 50th anniversary issue of *Living Bird* and should have reflected how far science and its connectedness to ongoing discovery and conservation have come. Unfortunately, the expedition described could have been taken from the journal of a 19th-century collector in the Hawaiian Islands, collecting endemics in a race to be the first and collecting for the sake of collecting.

BOB ARRIGONI

SAN FRANCISCO, CALIFORNIA

I loved reading Mel White's fine article about the Foja Mountains. This is science writing at its best, capturing all of the excitement and adventure of an expedition as well as the humor. Bravo!

BILL ROBERTS

LOS ANGELES, CALIFORNIA

Join the Cornell Lab of Ornithology

Return the attached card
or
Call toll free: (866) 989-2473
or
Go to the Lab's website:
www.birds.cornell.edu/join

Common Loons by Marie Read

Please start / renew my membership

☐ Start my membership Level: ☐ Supporting \$40 ☐ Family \$50
☐ Contributing \$75 ☐ Guardian \$100

☐ Renew my membership

☐ Additional gift _____

Name _____

Address _____

City _____ State _____ Zip _____

Daytime phone _____ Email _____

I'd like to give a gift membership

Level: ☐ Supporting \$40 ☐ Family \$50
☐ Contributing \$75 ☐ Guardian \$100

Recipient's name _____

Address _____

City _____ State _____ Zip _____

Payment information

☐ Check enclosed (*Please enclose in envelope if sending check.*)

Charge to my: ☐ MasterCard ☐ VISA ☐ DISCOVER ☐ American Express

Total to be billed to credit card _____

Card number _____ Exp. Date _____

Signature _____

Please make checks payable to Cornell Lab of Ornithology. Supporting members outside the United States, please add \$10. All funds must be in U.S. currency. Annual membership dues begin at \$40 and include \$20 for *Living Bird* magazine. As part of Cornell University, the Cornell Lab is a 501 (c) 3 nonprofit that uses 82 cents of every dollar on programs. Your contribution is tax-deductible (subtract \$20 if your membership includes *Living Bird* magazine).

Please moisten adhesive, fold card in half, and seal. Thank you.

and greed that led to the demise of this magnificent bird. Though the specifics are different, the stories of the Ivory-Billed and Imperial woodpeckers are basically

the most sobering and depressing journeys of my life." Indeed this is a story that has sadly been told all too often.

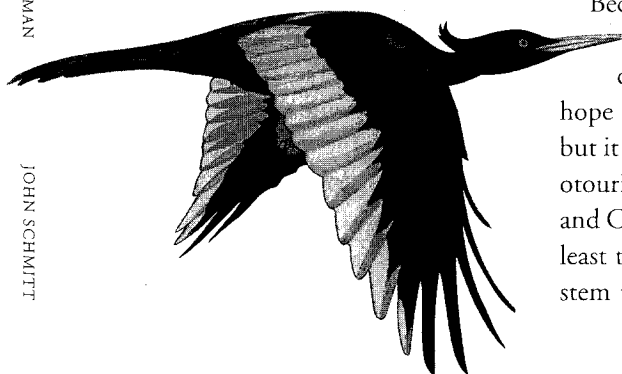
Because man's needs always come first, we will continue to lose more species that most of us will never see. I hope to see a turnaround in my lifetime, but it seems doubtful. The burgeoning ecotourist industry that is starting in South and Central America is certainly a start. At least these poor nations are attempting to stem the tide of wildlife destruction. But

full glory. Maybe enough of the human race will step up and follow his example regarding the world we live in before it's too late. All we can do is hope.

PHIL YTURBE

WEST MILFORD, NEW JERSEY

We welcome letters from readers. Write to The Editors, *Living Bird*, 159 Sapsucker Woods Road, Ithaca, New York 14850, or send email to livingbird@cornell.edu.





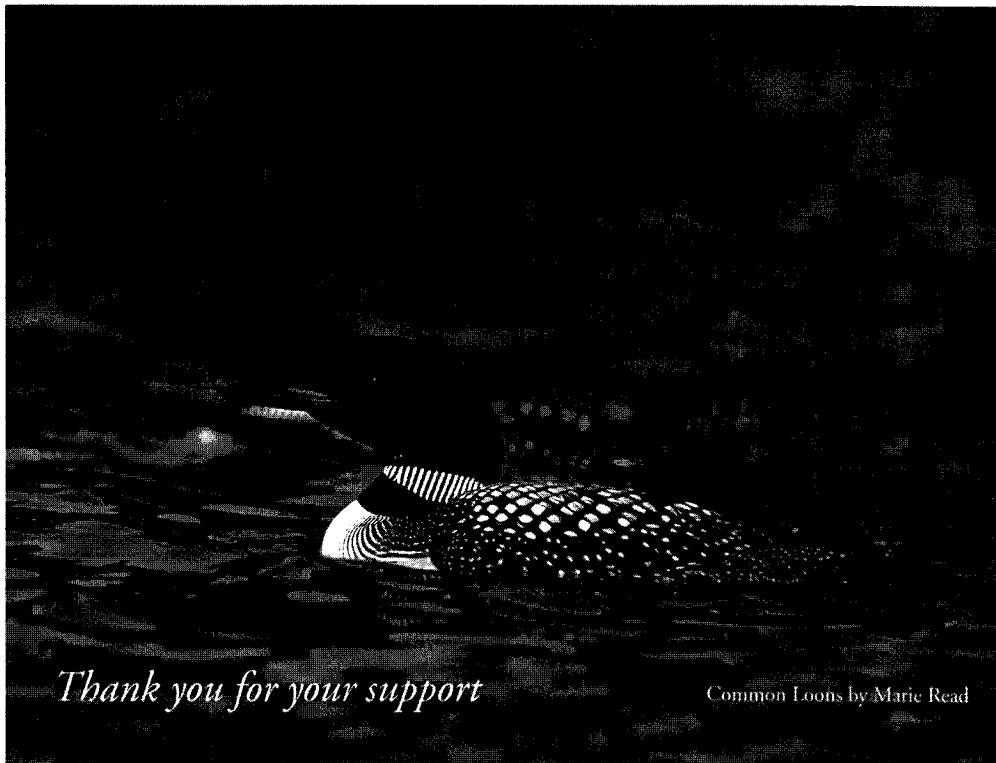
NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 1101 ITHACA, NEW YORK

POSTAGE WILL BE PAID BY ADDRESSEE

CORNELL LAB OF ORNITHOLOGY
P.O. BOX 11
ITHACA, NEW YORK 14851-9804



Thank you for your support

Common Loons by Marie Read

Russell B. Faucett
John H. Foote
Alan J. Friedman
H. Laurance Fuller
Ronald R. Hoy
Imogene P. Johnson
Eric J. Jolly

Leigh H. Perkins, Jr.
H. Charles Price
Elizabeth T. Rawlings
Maria Schneider
Julia M. Schnuck
Robert F. Schumann
Jennifer P. Speers
David W. Winkler

Living Bird, ISSN 1059-521-X, is published quarterly, in winter, spring, summer, and autumn, by the Cornell Lab of Ornithology. Periodicals postage is paid at Ithaca, New York.

POSTMASTER: Send address changes to *Living Bird*, 159 Sapsucker Woods Road, Ithaca, New York 14850. Telephone: (607) 254-BIRD. *Living Bird* is free to members of the Lab, a nonprofit membership organization. Our mission: To interpret and conserve the earth's biological diversity through research, education, and citizen science focused on birds.

For more information please write to our Membership Department. Membership is \$40 a year. The Lab assumes no responsibility for unsolicited photographs or manuscripts.
Copyright 2012 Cornell University.



Cornell University

its importance to the Cornell Lab and the benefits to the Fojas, its endemic species, ecosystems, and ongoing conservation is limited to the phrase, "to continue the exploration and research."

Nowhere does the author provide a summary about the research being conducted, other than stating nine pages into the article, "People were actually doing research." He describes Ed Scholes' work of wanting to prove the Carola's Parotia should be split into separate species and of "Nev" seeing an unknown pigeon and

Benefits of Lab Membership include:

■ *Living Bird*, the Lab's award-winning magazine—featuring bird biology, behavior, conservation, art, humor, travel, and birding equipment.

■ *BirdScope*, the Lab's newsletter, featuring news and practical information about birds, bird watching, and citizen science.

■ Discounts on the Lab's Home Study Course in Bird Biology, field classes, Citizen Science projects, and all Lab products at the Wild Birds Unlimited store at Sapsucker Woods: (877) 266-4928 or www.sapsuckerwoods.com.

■ Opportunities to participate in Lab programs such as Project FeederWatch, Sound Recording Workshops, and numerous Citizen Science projects.

■ A Lab decal.

Lab membership dollars provide the essential base of support for all Lab programs in bird study and conservation. As part of Cornell University, the Cornell Lab of Ornithology is a tax deductible, 501 (c) 3 organization.

The **Cornell Lab** of Ornithology 

159 Sapsucker Woods Road
Ithaca, New York 14850
(800) 843-2473
www.birds.cornell.edu

collector in the Hawaiian Islands, collecting endemics in a race to be the first and collecting for the sake of collecting.

BOB ARRIGONI
SAN FRANCISCO, CALIFORNIA

I loved reading Mel White's fine article about the Foja Mountains. This is science writing at its best, capturing all of the excitement and adventure of an expedition as well as the humor. Bravo!

BILL ROBERTS
LOS ANGELES, CALIFORNIA

RANGER 
By EAGLE OPTICS



"GREAT VALUE!"... "VERY SATISFIED!"... "AWESOME!"






Waterproof & Fogproof
Extra-Low Dispersion Glass

These are just some of the rave reviews for the Eagle Optics Ranger series of Binoculars — now even BETTER with the Ranger ED.

Fully Multi-coated
Platinum Protection Warranty



EAGLE OPTICS

www.EAGLEOPTICS.com | 800.289.1132 | Follow Us   

Kenko

ULTRA LIGHTWEIGHT BIRDING BINOCULARS

Ultra lightweight, Superior optical performance, durability and shock resistance defines these premium roof prism binoculars. The ultimate choice for birding enthusiasts.



**An extremely light
pair of 8x32 Binoculars
at just 1 lb.**

**ultraVIEW
EX**

OP 8x32DH II
OP 10x32DH II



OP8x32DHII: 16.04oz. OP10x32DHII: 16.57oz.

AVAILABLE AT:



EAGLE OPTICS
www.eagleoptics.com
1-800-289-1132

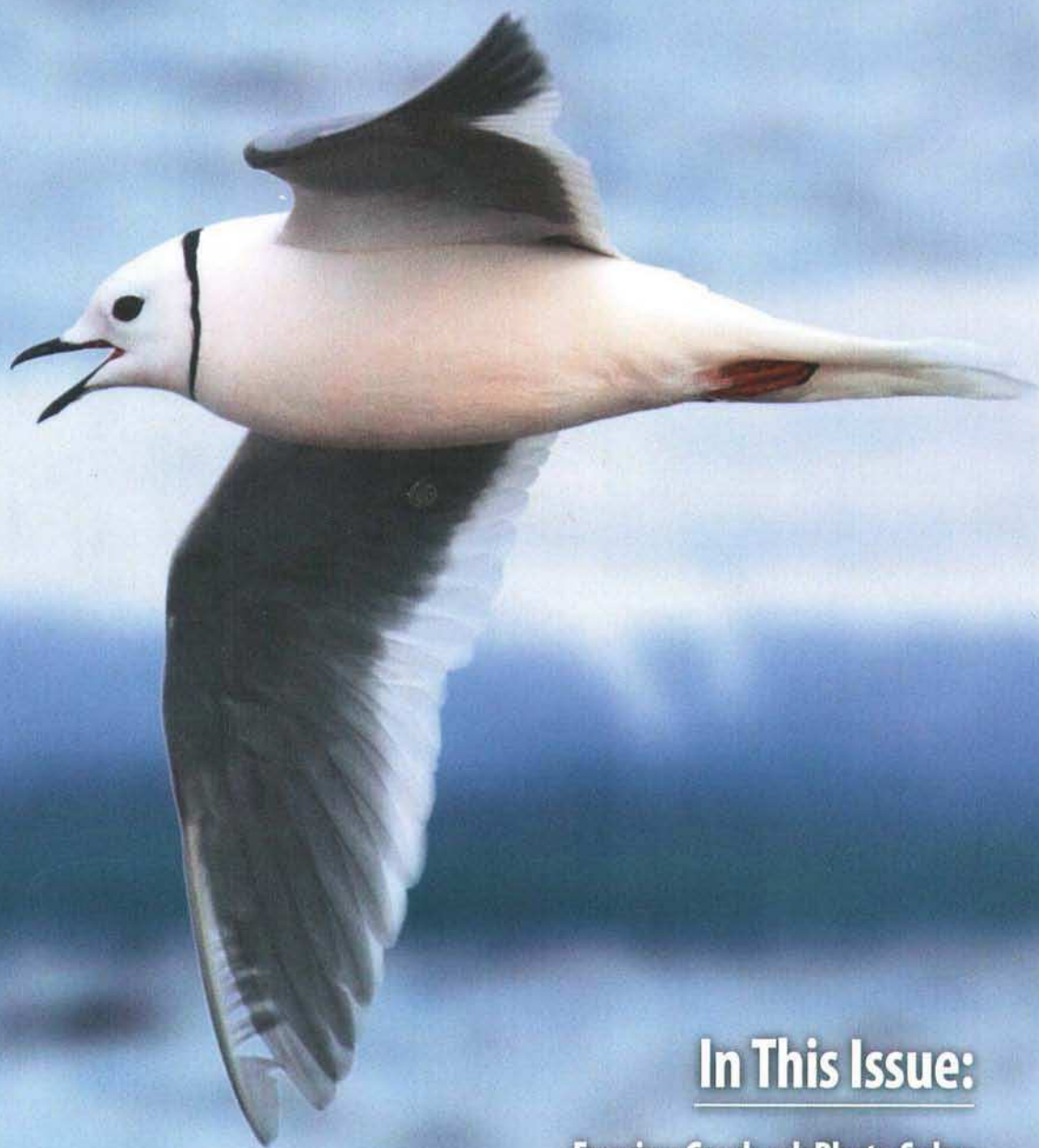
for additional information visit
www.thkphoto.com

**EXHIBIT E
TO DECLARATION OF
BEN LIZDAS**

VOL. 44 • NO. 3 • MAY 2012

Birding

AMERICAN BIRDING ASSOCIATION



In This Issue:

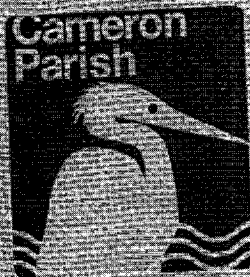
- Evening Grosbeak Photo Salon
- Harlequin Duck Molt
- Ross's Gull Biology

**MORE THAN 400 BIRD SPECIES •
26 MILES OF NATURAL BEACHES**

**HUNDREDS OF BIRD
SPECIES ARE FOUND HERE.
DON'T LET THAT
OPPORTUNITY FLY BY.**



**Home of the Creole Nature Trail
All-American Road**



LOUISIANA
Pick your Passion
LouisianaTravel.com

**800-456-7952
VisitCameronParish.org**

MAY 2012 • VOLUME 44 • NUMBER 3



American Birding®
ASSOCIATION

EDITOR
Ted Floyd

ASSOCIATE EDITOR
Noah K. Strycker

PHOTO EDITOR
Brian E. Small

COPY EDITOR
Macklin Smith

TECHNICAL REVIEWERS
James J. Dinsmore, Donna Dittmann,
Bill Pranty, Michael L. P. Retter

DEPARTMENT EDITORS
Interviews: Noah K. Strycker
Book Reviews: Eric Salzman
Dimensions: Sheryl DeVore
News and Notes: Paul Hess
Photo Quiz: Tom Johnson
Sightings: Amy Davis
Traditions: Paul J. Baicich
Tools of the Trade: Diana Doyle

PUBLISHER
American Birding Association

**GRAPHIC DESIGN
& PRODUCTION**
Ed Rother

ADVERTISING
Ken Barron

MAP PRODUCTION
Kei Sochi

EDITORIAL CONSULTANTS

Jon L. Dunn
David A. Sibley
David S. Wilcove

WEBMASTER
David Hartley

Submissions: Send feature articles to Ted Floyd <tfloyd@aba.org>. Send department manuscripts to the appropriate editor: Noah K. Strycker <noah.strycker@gmail.com>, Eric Salzman <es@ericsalzman.com>, Sheryl DeVore <sheryl.devore@comcast.net>, Paul Hess <phess@salsgiver.com>, Tom Johnson <jaegermaster@gmail.com>, Amy Davis <argdavis@gmail.com>, Diana Doyle <diana@birdingaboard.com>, and Paul J. Baicich <paul.baicich@verizon.net>. Photographic submissions should be sent to the Photo Editor: Brian E. Small <bsmallfoto@aol.com>, 13428 Maxella Avenue #446, Marina del Rey, California, 90292. All other art submissions should be sent to the American Birding Association, 1618 W. Colorado Avenue, Colorado Springs, Colorado, 80904 <production@aba.org>.

Advertising information: Ken Barron <kbarron@kic.com>, American Birding Association, 1618 W. Colorado Avenue, Colorado Springs, Colorado, 80904; 830-895-1144.

Membership inquiries: 1618 W. Colorado Avenue, Colorado Springs, Colorado, 80904; 800-850-2473. Annual membership dues are payable in U.S. currency: Individual, \$45 (Canadian and foreign, add \$10); Student, \$25 (Canadian and foreign, add \$10); Joint, \$52 (Canadian and foreign, add \$11); Hooded Merganser Giving Club, \$100 (Canadian and foreign, add \$10).

Other ABA publications: *Winging It*, a newsletter for members; *North American Birds*, a subscription quarterly reporting on seasonal and changing North American birdlife; The ABA Blog <blog.aba.org>, updated daily by multiple authors; and the ABA website <aba.org>, with interactive content updated daily.

Follow us on Twitter: twitter.com/BirdingMagazine.

Birding® (ISSN 0161-1836; USPS 003-768) is published bimonthly by the American Birding Association, Inc., 1618 W. Colorado Avenue, Colorado Springs, Colorado, 80904. Periodicals postage paid at Colorado Springs and additional mailing offices. POSTMASTER: Send address changes to *Birding*, 1618 W. Colorado Avenue, Colorado Springs, Colorado, 80904. Membership prices are as noted above. Copyright © 2012 by the American Birding Association, Inc. Printed by Publishers Press, Shepherdsville, Kentucky. All rights reserved. The views and opinions expressed in this magazine are those of each contributing writer and do not necessarily represent the views and opinions of the American Birding Association or its management. The ABA is not responsible for the quality of products or services advertised in *Birding*, except those products or services offered directly by the Association. Return postage guaranteed: Send undeliverable copies and POD Forms 3579 to 1618 W. Colorado Avenue, Colorado Springs, Colorado, 80904. For Canadian returns mail to WDS, Station A, P.O. Box 54, Windsor, Ontario, N9A 6J5. GST Registration No. R135943454. Canadian Publications Agreement No. 40033104.

Cover image: This adult **Ross's Gull** is on final approach to its nesting grounds at Nasaruvaalik Island, Nunavut.
Photo by © Mark Maftai.



Learn more about the adventures and misadventures of those who seek Ross's Gulls in Canada's High Arctic:
blog.aba.org/2012/05/nunavut-adventure.html

TABLE OF CONTENTS

Birding

VOL. 44 • NO. 3 • MAY 2012

Correspondence

9 Birding Together

JEFFREY A. GORDON

10 Your Letters

- Birding, not Bird
- The AOU Check-list: Humbleness? Hubris? Hypocrisy?
- For the Grandkids' Sake
- Observer Error?—Relax
- Birding in Brazil
- Birding in Idaho
- Fiddling While Rome Burns

16 A Birding Interview

with ELLIE COHEN

20 Sightings

Mid-March to Mid-April 2012
AMY DAVIS

24 News and Notes

- Barred Owl: Two Species?
 - Saltmarsh Sparrow Puzzle
- PAUL HESS

Feature Articles

26 Photo Salon: Evening Grosbeak, ABA 2012

Bird of the Year

with contributions

from GLENN BARTLEY, GARTH
McELROY, MARIE READ,
CHAN TIN SANG, BRIAN E.
SMALL, JACOB SPENDELOW,
BOB STEELE, and TIM ZUROWSKI

36 How the Harlequin Got His Spots: Studying Molts and Plumages in *Histrionicus* *histrionicus*

KEITH EVANS

42 Searching for the Ross's Gull in Canada's High Arctic

MARK MAFTEI

Departments

56 Answers to the March Photo Quiz

"Birds Have Wings"
(Which May Be Useful
for Field ID)
TOM JOHNSON

58 Tools of the Trade

Tally-Ho! Birdwatcher's Diary App
DIANA DOYLE

64 Book Reviews

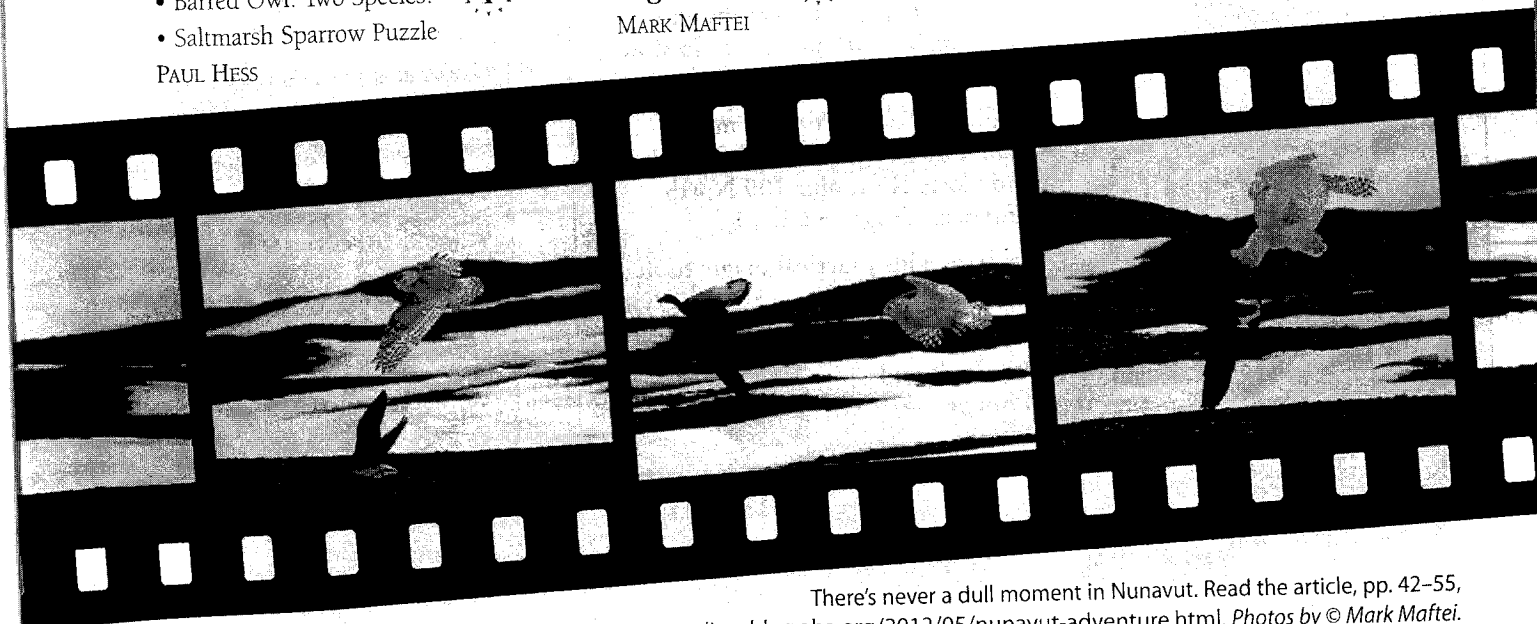
Nature Writing for Serious Birders
• DAVID G. AINLEY, reviewer

How Birds and Humans Interact
• MARK COCKER, reviewer

68 Dimensions

Better View Not Desired
GRANT MCCREARY

72 New Photo Quiz



There's never a dull moment in Nunavut. Read the article, pp. 42–55, and join the discussion online: blog.aba.org/2012/05/nunavut-adventure.html. Photos by © Mark Maftai.

Put our flyway in your scope.



Call for a free Birder's Guide!
1-800-242-0071
f @ visitrockportfulton
www.rockport-fulton.org
Photography by Diane Loyd



**Rockport
Fulton**

Charm of the Texas Coast



American Birding®
ASSOCIATION

Birding is published by the American Birding Association, Inc., a not-for-profit organization that seeks to inspire all people to enjoy and protect wild birds.

The American Birding Association, Inc., seeks to encourage and represent the North American birding community and to provide resources through publications, meetings, partnerships, and birder networks. The ABA's education programs develop birding skills, an understanding of birds, and the will to conserve. The ABA's conservation programs offer birders unique ways to protect birds and their habitats.

CHAIR

Louis Morrell

DIRECTORS

Jane Alexander
Dick Ashford
Lynn Barber
Charles Bell
Carl Bendorf
Michael Bowen
Kenn Kaufman
Robin Leong
John C. Robinson
Charles Teske
Bob Warneke

PRESIDENT

Jeffrey A. Gordon

FINANCE

Lisa Slocum, Accounting

BIRDERS' EXCHANGE

Betty Petersen, Director

MEMBERSHIP & COMMUNICATIONS

David Hartley, Director
LeAnn Pilger, Coordinator

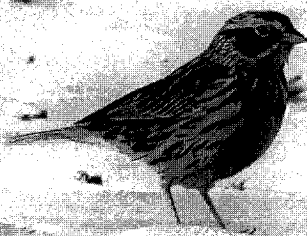
PUBLICATIONS

Ed Rother, Graphic Design
Jim Harris, Graphic Design

PAST PRESIDENTS & BOARD CHAIRS

Dick Ashford (2009-2010)
Tom Pincelli (2007-2009)
Bettie R. Harriman (2006-2007)
Richard H. Payne (1999-2006)
Allan R. Keith (1997-1999)
Daniel T. Williams, Jr. (1993-1997)
Allan R. Keith (1989-1993)
Lawrence G. Balch (1983-1989)
Joseph W. Taylor (1979-1983)
Arnold Small (1976-1979)
G. Stuart Keith (1973-1976)
G. Stuart Keith (1970 *pro tem*)

IDENTIFY MORE BIRDS!



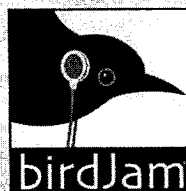
If you're a birder,
birdJam is for you.

Just what you need to identify birds:
the best songs, photographs and
range maps, with no clutter to slow
you down.

birdJam playlists include more
than 1,000 birds of North America
and Costa Rica, plus 100 North
American Frogs and Toads.

birdJam adds practical magic to the
natural world of
birding.

For iPods and
iPhones.

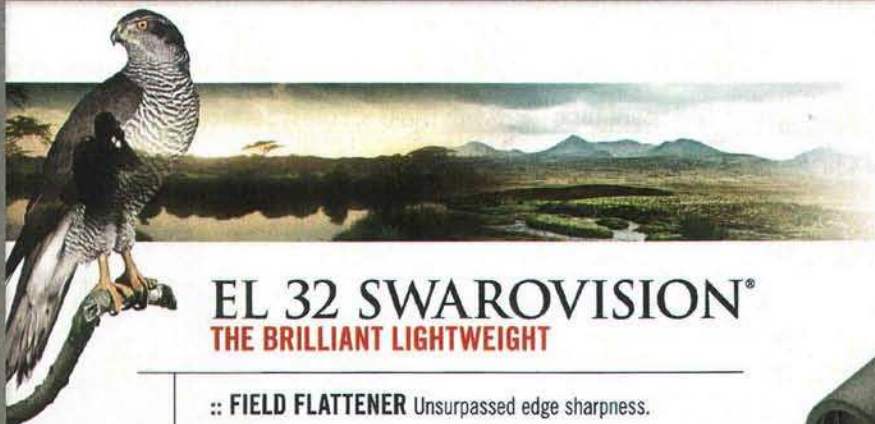


www.birdjam.com



EAGLE OPTICS

We know birds, birders, and birding equipment.
The ONLY place where your optics purchase supports the ABA and its programs.



SWAROVSKI
OPTIK

EL 32 SWAROVISION® THE BRILLIANT LIGHTWEIGHT

- :: **FIELD FLATTENER** Unsurpassed edge sharpness.
- :: **WIDE FIELD-OF-VIEW** 8x - 423 feet at 1000 yards.
- :: **COMPACT AND LIGHTWEIGHT** 5.3 inches x 4.3 inches, 20.5 ounces.



LEGENDARY SWAROVISION® TECHNOLOGY FOR YOUR POCKET

www.EAGLEOPTICS.COM | (800) 289-1132 | FOLLOW US



*ABA's
Camp Colorado*


WHEN:
July 8 – July 13, 2012

WHERE:
YMCA of the Rockies
Estes Park, Colorado

WHO:
Young Birders Ages 13–18

An amazing summer camp for young birders!
The American Birding Association Announces:
Camp Colorado - 2012!

Join us as we explore Colorado from grasslands to glaciers! From the shortgrass prairie of northeastern Colorado to the aspen groves and alpine tundra of Rocky Mountain National Park, 2012 Camp Colorado has it all. Fabulous field trips will be punctuated by terrific educational workshops, making Camp Colorado a truly exceptional experience! Campers will find plenty of opportunities to take their birding skills to the next level, meet other young people with similar interests, explore careers in birding and ornithology, and, of course, learn about the diverse bird life and natural history of northern Colorado.


American Birding Association

For complete details and registration, please visit
www.aba.org/events/colorado2012
or contact Bill Stewart at bstewart@aba.org

Bird photos courtesy of Camp Colorado instructor Bill Schmoker

**EXHIBIT F
TO DECLARATION OF
BEN LIZDAS**

BIRDING AT ITS BEST™

DECLARE A **FIRST**
PHOEBE DAY PG 24

WildBird®

WildBird®

MARCH/APRIL 2012

Plan a Quest

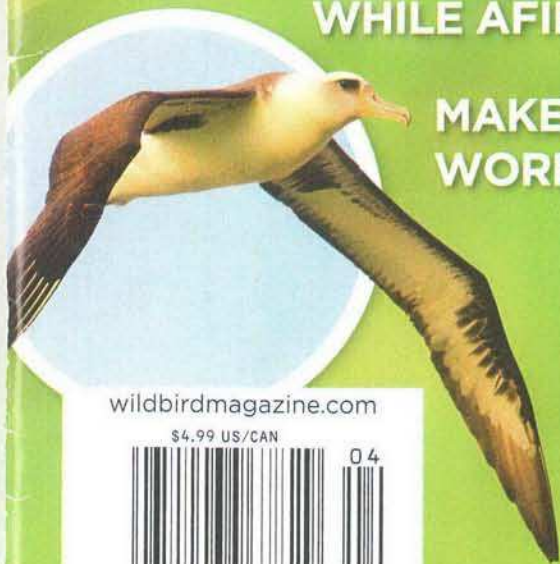
CHECK OUT NEW
Travel Gear

EXPLORE CALIFORNIA'S
Salton Sea

Protect Yourself
IN UNFAMILIAR SITES

TALK **Conservation**
WHILE AFIELD

MAKE **Tech**
WORK FOR **You**



wildbirdmagazine.com

\$4.99 US/CAN



Enter the
24th ANNUAL
**PHOTO
CONTEST**

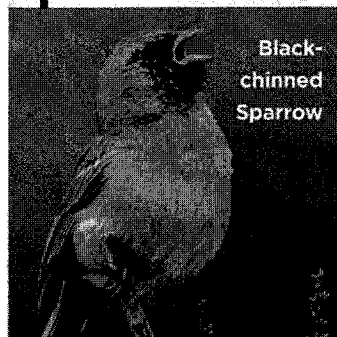


BIRDING AT ITS BEST

WildBird

COLUMNS

- 2 Editor's Note
- 18 Adventures with Austin
- 20 Dispatches from the West



Black-chinned Sparrow

BRIANSMALLPHOTO.COM

DEPARTMENTS

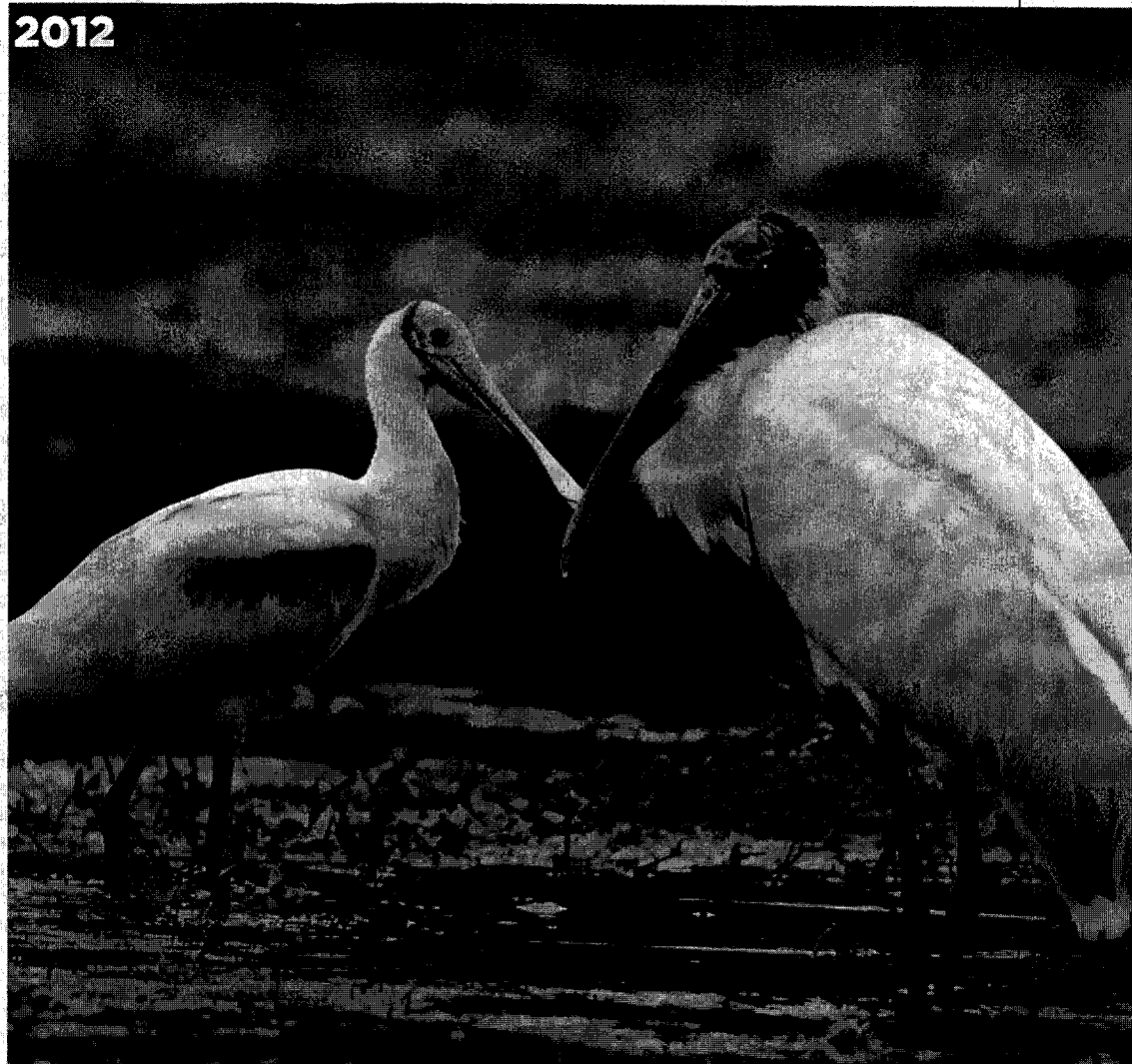
- 3 Letters
- 4 News & Notes
- 6 Ornithology 101
- 10 Conservation Corner
- 14 Birder's I.D.
- 16 Lister's Forum
- 22 Birder's Back Yard
- 38 Wandering Eye
- 43 Birder's I.D. Answer
- 48 Flying Free

REFERENCE

- 42 Species Photo Index
- 44 Birder's Emporium
- 45 Classifieds
- 47 Advertiser's Index

Our Mission

WildBird educates and entertains readers with useful details about North American birds and birding — in readers' back yards and in the entire Western Hemisphere. WildBird urges readers to share their appreciation for birds and to consider beginners' education and habitat conservation as means of ensuring avian species' survival.



Roseate Spoonbill (left) and Wood Stork by Maslowski Photo

FEATURES

24 Backyard Safari: Phoebe Day

Join the movement to follow nature's calendar.

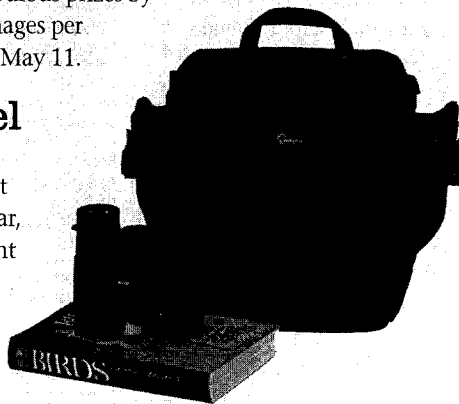
BY DON FREIDAY

26 24th Annual Photo Contest

Compete for fabulous prizes by entering two images per category before May 11.

30 Travel Gear

Before your next outing near or far, see if these recent products will add to your comfort or productivity.



32 Sea Kayaking

California's Salton Sea offers a surreal site for birding.

BY CHUCK GRAHAM



ON THE COVER

Verdin by
Alan Murphy
Photography.com

The unique, small bird lives all year in hot desert areas.

INSET: Laysan Albatross by
Cliff Beittel; see page 10

EDITOR'S NOTE

New horizons

BY AMY K. HOOPER

Many bird species migrate to meet their needs, and it makes sense to me that we humans should move about regularly, too. I'm not sold on the idea of uprooting my life from one locale to live in another for months on end, though; the Southern California climate suits my needs just fine.

Despite that comfort level, I do see fit to travel regularly, as do many birders. We often go to unfamiliar sites to look for treasures — feathered or not — and to create memories. In this issue, we celebrate those quests that satisfy our urge for the unfamiliar and add more species to our memory banks.



Many of us can't leave home without our cameras. If you fit into that category, turn to page 26 for details about WildBird's 24th annual photo contest. Perhaps you've created an award-winning image during a previous journey... and maybe your prize-nabbing pic is just around the corner! The entry deadline is May 11, so you have plenty of time to snap avian models for this contest.

Before heading out the door, please make sure that you're prepared with appropriate clothing, food, gear and knowledge about the sites. You'll see why after reading the tale on page 20.

If you're in the market for travel gear, turn to page 30 for possible purchases that can make your journey more comfortable or productive. Other trip preparations naturally focus on the birds, and our homework increasingly uses technology. You'll find tech pointers on page 6.

During your adventures, please talk with nonbirders about the reasons for your visit. Traveling birders easily can spread the message about birds and conservation; learn how you can help on page 10.

If you haven't chosen a destination this year, turn to page 32 for a water-based view of a Southern California hotspot. Kayakers can enjoy a unique perspective on Salton Sea birdlife, but even shore-bound birders will encounter interesting species around and over the below-sea-level site.

Happy trails!

Please Recycle This Magazine

After you've enjoyed this issue, please "recycle" it by giving it to a friend, nonprofit organization, library, school or doctor's office. Save more resources by managing your subscription online: www.custmag.com/WLB



BIRDING AT ITS BEST

WildBird

VOLUME 26 NUMBER 2 • MARCH/APRIL 2012

Editor in Chief Amy K. Hooper
Associate Editor Patti Carpenter
Editorial Director, Internet Melissa Kauffman
Art Director Jerome Callens

WILDBIRD ADVISORY BOARD

Pete Dunne, Shawneen Finnegan, Kevin T. Karlson,
Kenn Kaufman, Arthur Morris, Brian E. Small, Peter Stangel

EDITORIAL, PRODUCTION & SALES/CORPORATE OFFICE

PO Box 6050, Mission Viejo CA 92690-6050
949-855-8822, fax 949-855-3045

ADVERTISING SALES OFFICES

New York: Jeff Posner, Director

Angelo Puleo, Business Development Manager
100 North Centre Ave., Suite 501, Rockville Centre NY 11570
516-594-2820 ext. 11, fax 516-594-2826, prijeff@aol.com

Lexington: Angel Ross, Sales Representative

2008 Mercer Road, Lexington KY 40511
859-260-9800, aross@bowtieinc.com

Production Coordinator	Theresa Rahlwes
Marketing Product Specialist	Jennifer Ketchersid
Consumer Marketing Manager	Suzanne Stowe
Marketing & Fulfillment Specialist	Natalie Franko
Classified Sales Representative	Richard Sakal
Classified Support Coordinator	Ken Mootz
Classified Designer	Terri Wazny

MANUFACTURING: Imaging Team: Gina Cioli

Prepress: Karen Bartz, Shawn Fung, Jorge Lopez,
Myles Nguyen, Paul Rosales

WildBird is published by

**BOWTIE
MAGAZINES**

(A Division of BowTie, Inc.)

NORMAN RIDKER, Chairman of the Board; NICOLE FABIAN, Chief Financial Officer; JEFF SCHARF, Vice President/Advertising; JUNE KIKUCHI, Vice President/Content Creation; DOLORES WHITLO, Vice President/Consumer Marketing; LISA MACDONALD, Marketing Director; RICH GOMEZ, Manufacturing Director; LAURIE PANAGGIO, Production Manager; CRAIG WISDA, Controller; CHARLES LEE, IT Director; MICHELLE WILLIAMS, Internet Marketing Director; CHERRI BUCHANAN, Human Resources Director; PAM ALBERT, Administration and Facility Director; MICHAEL PAVIA, Collateral Sales Operations Manager

WildBird ® (ISSN 0892-5534) is published bimonthly by BowTie Magazines, a division of BowTie, Inc., 3 Burroughs, Irvine CA 92618-2804. Corporate headquarters is located at 3 Burroughs, Irvine CA 92618-2804. Periodicals postage paid at Irvine CA 92619-9998 and at additional mailing offices. POSTMASTER: Send address changes to WILDBIRD, PO Box 37185, Boone IA 50037-0185. © 2012 by BowTie, Inc. All rights reserved. Reproduction of any material from this issue in whole or in part is strictly prohibited.

For SUBSCRIPTION
inquiries or change of
address:
WildBird
PO Box 37185
Boone IA 50037-0185
800-542-1600
fax 515-433-1013
Visit us online:
www.custmag.com/WLB

Subscription rate is \$19.97 for 6 issues and \$29.97 for 12 issues. Canadian and foreign surface, add \$6 extra per year payable in U.S. funds. Single copy price: \$4.99. Please allow 6 to 8 weeks for new subscriptions to begin. When changing address, give 6 weeks' notice and the address label from the latest copy as well as your new address with ZIP code. Occasionally, we make our subscriber list available to carefully screened companies that offer products and services that we believe would interest our readers. If you do not want to receive these offers and/or information, please write to us at Privacy Policy, PO Box 6040, Mission Viejo CA 92690 or send an e-mail to privacy@bowtieinc.com. Please view our Privacy Policy at www.bowtieinc.com.

WildBird does not accept responsibility for unsolicited manuscripts or photographs.

Publications Mail Agreement # 40612608 / Registration #R126851765
Return undeliverable Canadian addresses to: Pitney Bowes,
PO Box 25542, London ON N6C 6B2, Canada

Printed in the U.S.A.



EAGLE OPTICS®

We know birds, birders, and birding equipment.



NIKON
Fieldscope ED 50



Carrying A Scope Has Never Been Easier!

Capture all the action without being weighed down.

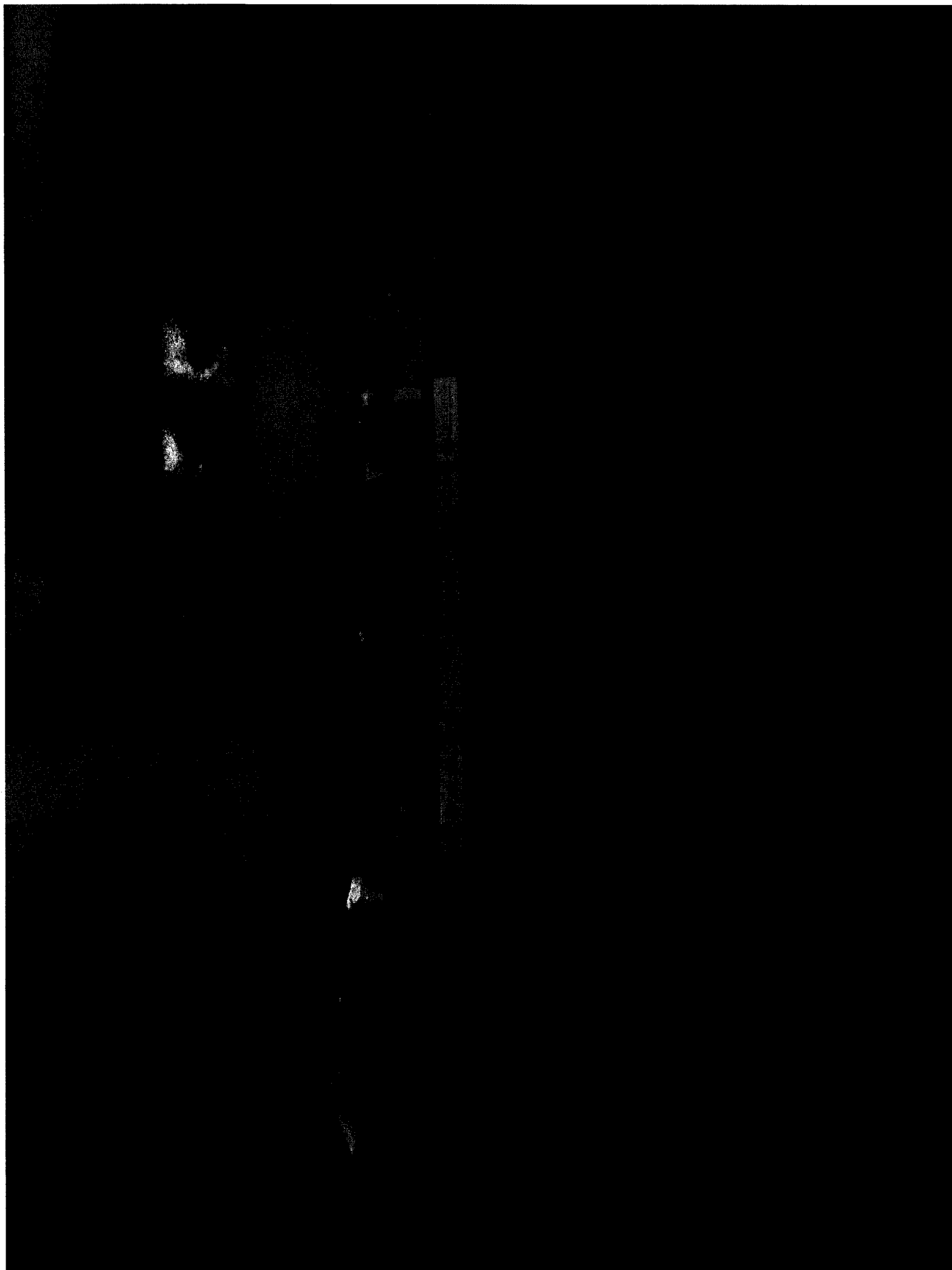
- :: Edge to edge sharpness with EXTRA-LOW DISPERSION GLASS.
- :: Optimal light transmission with FULLY MULTI-COATED LENSES.
- :: Compact length and weight: 8 INCHES and 16 OUNCES.
- :: Included 13-30x ZOOM EYEPIECE.

NIKON. NEXT GENERATION. NOW.

www.EAGLEOPTICS.COM | 800.289.1132

FOLLOW US ON





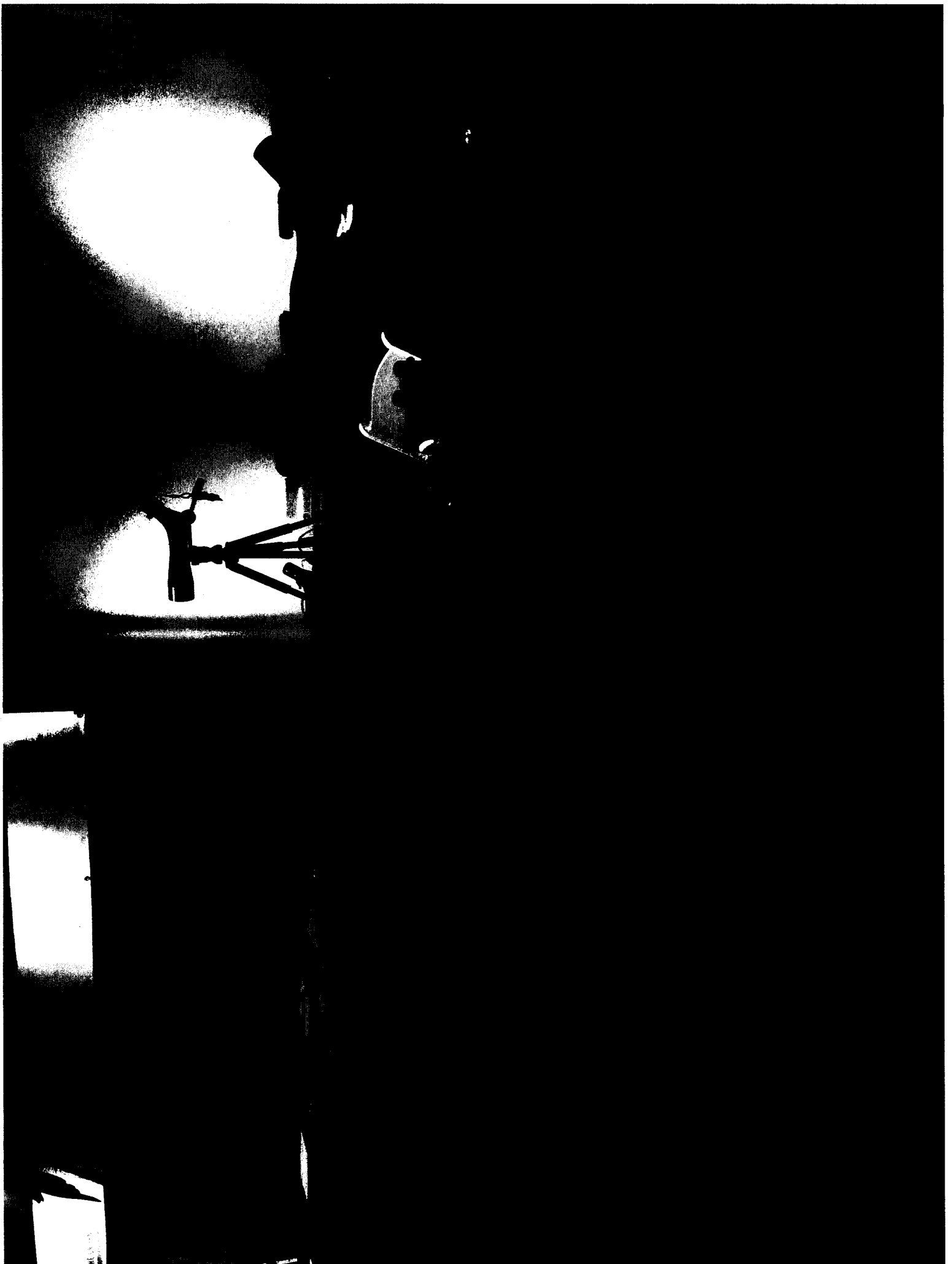


EAGLE OPTICS

UTDOOR









 **GEST WEEK**
WELCOME BIRDERS!



SWAROVSKI OPTIK



SWAROVSKI



SWAROVSKI OPTIK



A

**EXHIBIT H
TO DECLARATION OF
BEN LIZDAS**

Exhibit H—2011 Donations

- American Birding Association
- Aldo Leopold Nature Center, WI
- Amos W. Butler Audubon
- Ascutney Mountain Audubon, VT
- Ballard Nature Center, IL
- Benefit for the Birds, DE
- Bluebirds Across Nebraska TAK-Along Project, NE
- Black Swamp Bird Observatory, OH
- Bird Watcher's Digest for Midwest Birding Symposium, OH
- Cache River Festival, IL
- Coastal Bend Audubon Society
- Columbus Audubon Fundraiser, OH
- CraneFest, MI
- Detroit Lakes Festival
- Discover Center Manitowish Waters Bird Fest, WI
- Driftless Area Land Conservancy, WI
- Eagle Bluff Environmental Center, MN
- Environmental Learning Program, WI
- Fish and Wildlife Foundation
- Four Lakes Wildlife Center, WI
- Gathering Waters, WI
- Gulf Coast Bird Observatory, TX
- Hawk Mountain, PA
- Hawk Ridge Birdathon, MN
- Hawk Watch
- Hawkins Preserve Festival, CO
- HawkWatch International, UT
- Headwaters Science Center
- Houghton Mifflin, MA
- Houston Audubon
- Houston Audubon Birdathon, TX
- Houston Nature Center Festival of the Owls, MN
- IA State, IA
- IATTE, FL
- International Crane Foundation Birdathon, WI
- Kachemak Bay, AK
- Kickapoo Reserve, WI
- Klamath-Siskiyou Wildlands Center, OR
- Loudoun Conservancy, VA
- Love Creek Nature Center Birdathon, MI
- M&I Golf Outing, Ronald McDonald House, WI
- Madison Audubon, WI

- Merritt Island Visitor Center, FL
- Middleton Fire Department Annual Festival and Raffle, WI
- Montezuma National Wildlife Refuge, NY
- North American Nature Photography Association Foundation Auction, CO
- National Resources Foundation, WI
- New River raffle, WV
- NYC Audubon, NY
- Ohio Young Birder's Conference, OH
- Operation Migration, WI
- Pheasants Forever Auction
- Pheasants Forever, WI
- Pipestem Creek Ann Festival, ND
- Port A Festival Sponsorship, TX
- Prairie Chicken Festival, OK
- Prairie Enthusiasts Raffle
- Point Reyes Bird Observatory, CA
- Project Wild Backyard Bird Packages, NE
- Queen City Festival, IN
- Raymondville Chamber Wild in Willacy Fest, TX
- Rio Grande Valley Bird Fest Kids Programs, TX
- Rio Grande Valley Bird Fest Quiz Show, TX
- Rio Grande Valley Bird Fest Sponsorship, TX
- River Alliance, WI
- Riverside High School, WI
- Rocky Mountain Bird Observatory, CO
- Roger Tory Peterson Festival, NY
- Sierra Club
- Simple Hope, WI
- Space Coast Festival, FL
- South Padre Island Nature Center, TX
- Strawberry Plains Audubon
- The Wetlands Initiative, IL
- Todd Johnson Memorial Fund Silent Auction, WI
- Travis Audubon Awards Luncheon, TX
- University of Alaska, Fairbanks, AK
- Valley Nature Center, TX
- Ventana Wildlife Society Wings Over the World, CA
- West Virginia Wild Game Dinner, WV
- White Mountain Nature Center, AZ
- WI Falconer's Association, WI
- WI Public Television
- WI River Sportsmen's Club Fundraiser, WI
- WI Wetlands Association, WI
- Wildlife Habitat Council, MD

- Wings Over the Hills Vendor Registration, TX
- Women in Outdoors Conference, WI
- Woodland Dunes Nature Center, WI
- Whitefish Point Bird Observatory Birdathon, MI
- Young Birder Competition, CO

**EXHIBIT I
TO DECLARATION OF
BEN LIZDAS**



EAGLE OPTICS
Binoculars & Spotting Scopes
2003

The Eagle Optics Difference

So maybe you already have binoculars—sitting in the closet, on the bookshelf, in the trunk of the car . . . there are reasons you aren't using them!

1. They weigh too much to be used comfortably.

In years past, binoculars were constructed using brass and steel—this made them tough (and tough-looking!), but not very handy. Modern optics use lightweight materials to maximize durability and make the binoculars something you enjoy taking outdoors. Titanium-alloy, aluminum, magnesium, and polycarbonates are the building materials of today. If you think of binoculars as "heavy", then you'll understand the difference when you put a pair of Eagle Optics binoculars in your hands.

2. They don't work like they used to.

It shouldn't be difficult to get a singular image out of binoculars—and it certainly shouldn't hurt to look through them. A binocular has precision-aligned lenses and prisms. This means it is an inherently fragile system. A good whack can knock many cheaply made binoculars "out of alignment". This means the barrels are no longer pointing at the same position—in practical terms you would see a "double-image" or your eyes would feel strained when looking through them. A well-made binocular is engineered to take the force of most accidents and keep on working. Eagle Optics binoculars are well-made, built to perform optimally for a lifetime of use.

3. They're old and outdated.

The manufacturing of optical equipment is a high-tech industry and, similar to computers, has seen many advancements in the last two decades. Prior to these advancements, most inexpensive binoculars were of only marginal quality. The technological advancements of the last twenty years have allowed Eagle Optics to create high quality optics with very reasonable prices.

Since we all play outdoors at Eagle Optics, we keep it simple—we build optical instruments to use in the field ourselves. A crisp, bright optical image with a modest price tag is what we demand and is what we now offer to you.

4. They just aren't the right size or style.

Binoculars vary in size and magnification. Compact binoculars are ideal for travel and hiking while full-size models offer brighter images—ideal for wildlife observation and use in low-light. Choosing the right binoculars can be similar to selecting the right shoes. You wouldn't play tennis in hiking boots and you probably won't hit the trails often if you've got two pound binoculars around your neck.

Call us toll-free at **800-289-1132**—we can help you choose the best binoculars for your needs. The folks that answer our phones are the same ones who work on designing our optics and testing them in the field.

Inside Eagle Optics

Binoculars

Denali 12-13
Energy 16-17
Ranger Platinum Class 22-27
Shockwave 32
Triumph 4-7

Spotting Scopes

Denali 14-15
Raven 28-31
Triumph 8-9

Theatre Glasses

Encore 19
Ovation 19



**At Eagle Optics,
we don't build binoculars to sell—we build them to use!™**

The Eagle Optics Guarantee

All of our optical equipment has a money back guarantee for 30 days after your purchase. Beyond that, Eagle Optics will warranty all of our optical equipment against manufacturing defects and workmanship for a lifetime.

At Eagle Optics, we proudly stand behind every product that bears our name. Try one and you'll understand why!

The Eagle Advantage

Eagle Optics understands that accidents happen, and your optical equipment may sometimes suffer minor (or major) damages. For this reason we created The Eagle Advantage.

Included with most Eagle Optics products, the Eagle Advantage allows you **one** opportunity to service your binoculars or spotting scope for just \$20 (plus return shipping & handling) regardless of the extent of the repair or the cause of the damage. The Eagle Advantage does not apply to lost or stolen binoculars.



Three Convenient Ways to Shop

Call us toll-free at 1-800-289-1132 for answers to your product questions and to place orders.

Online at www.eagleoptics.com for product information and ordering on our secure site.

Visit a Wild Birds Unlimited store near you. Locations and phone numbers are listed on the Order Form found in the center of this catalog.

Photo Credits

All outdoor images © 2002 Michael Allen McDowell, except:
American Bison (*Bison bison*), page 5, courtesy Mike Austin.
Grizzly Bear (*Ursus arctos horribilis*), page 10, courtesy Wyoming Game & Fish/USFWS.
Mountain Goat (*Oreamnos americanus*) and Mt. Lonesome, Beartooth Wilderness, page 10, courtesy Martin Chy.
Grant's Zebra in Tanzania, page 11, courtesy Scott Hammel.
Madison Symphony Orchestra, page 18, courtesy Madison Symphony Orchestra and Bob Rashid.
Ultralight aircraft and whooping cranes (*Grus americana*), page 20, courtesy Operation Migration.
All product images © 2002 David Hamilton.

© 2002 Eagle Optics
All rights reserved.
Printed in USA on recycled paper using soy-based inks.

Hope takes wing...



Eagle Optics is the official optics sponsor of Operation Migration. Eagle Optics outfits the volunteers of Operation Migration with binoculars and a spotting scope for their field operations and observations. We are proud to be affiliated with the amazing people and organizations cooperating in this historic initiative.

Find out more about the current Operation Migration initiatives at www.operationmigration.org.



Eagle Optics logo as seen on pilot Deke Clark's ultralight.

Fewer than 400 Whooping Cranes remain between survival and extinction. The creatures that taught us the art of flying need our help...how can we refuse?

Historical estimates indicate approximately 1400 whooping cranes existed in the 1800's when their range included a good portion of North America. Their population declined because of unregulated hunting and habitat destruction until 1941 when the last migrating flock dwindled to an alarming low of 15 birds. Since then, this wild population has slowly increased and currently stands at slightly fewer than 200 individuals.

This last, naturally occurring flock winters at the Aransas National Wildlife Refuge on the Gulf coast of Texas. Each spring they migrate north, traveling more than 2500 miles to breed and raise their young in the remote wetlands of the Wood Buffalo National Park in Northern Alberta and the Northwest Territories of Canada.

Wildlife officials and biologists have long recognized the risk of having all of the wild whooping cranes using just one wintering and breeding location. With these remaining cranes concentrated in one small area, the entire population could be wiped out by disease, extreme weather, or human impacts. Whooping crane survival depends on additional, distinct populations.

In 1993, efforts began to introduce a non-migratory flock in central Florida. Whooping cranes, raised in captivity at several captive breeding centers in the United States and Canada, were released into the Kissimmee Prairie region, south of Orlando. This resident flock currently contains approximately 100 cranes.

In 1999, the Canada/U.S. Whooping Crane Recovery Team sanctioned Operation Migration's ultralight aircraft migration technique as a viable method of reintroducing a migrating population of whooping cranes into eastern North America. Accomplishing this would fulfill the mandate of the recovery team and eventually lead to the downlisting of this endangered crane.

The whooping crane chicks that Operation Migration used had no training for their important fall migration, so their handlers embarked on a five-month training season at the Necedah Wildlife Refuge in Wisconsin. Operation Migration pilots and handlers spent each day conditioning the young birds to accept and follow the small ultralight aircraft in flight.

This conditioning process utilizes the bird's natural instinct of imprinting. Pilots, dressed in costumes to mask their human form used puppets resembling adult cranes to interact with the young birds, eventually leading them in flights over the wetlands of central Wisconsin.

Following a "dress rehearsal" ultralight-led migration using non-endangered sandhill cranes in 2000, the stage was set to lead the first flock of whooping cranes south. On October 17th, 2001 three Ultralight airplanes lifted off from the Necedah Wildlife Refuge in central Wisconsin—followed closely by a small flock of imprinted whoopers.

On each day weather allowed, the Operation Migration pilots and handlers would guide the birds along their new migration path, which took them through Wisconsin, Illinois, Indiana, Kentucky, Tennessee, Georgia, and half-way through Florida to the central west coast and the remote island where the cranes spent the winter on the Chassahowitski National Wildlife Refuge.

During the winter months, two of the cranes succumbed to bobcat predation. The remaining five whooping cranes initiated their return migration north on April 9th, 2002—unassisted. Eleven days later they arrived at their fledging grounds in Wisconsin from where they had first flown alongside their mechanical surrogate.

This small flock represents the first migratory whooping cranes in the skies over eastern North America following an absence of more than a hundred years.

Although this work is a major milestone in the conservation of whooping cranes, in a larger sense it encourages others to step forward and do their part. It demonstrates that small grass roots organizations can work hand in hand with government agencies on an international level and, together, can accomplish what neither could achieve alone.

This amazing and important whooping crane reintroduction effort will continue for another 4-5 years with Operation Migration leading a new cohort of young cranes south each fall.

What you can do to help:

Operation Migration needs your help to continue this historical journey for the survival of the Whooping Crane. Purchase a membership or send a tax-deductible contribution by calling 1-800-675-2618, or if you prefer, send donations to either:

Operation Migration-USA
PO Box 868
Buffalo, New York 14207

Operation Migration
PO Box 280
Blackstock, Ontario L0B 1B0



EXHIBIT J
TO DECLARATION OF
BEN LIZDAS

U.S. Fish & Wildlife Service



Pelican Island

NATIONAL WILDLIFE REFUGE

Centennial

March 13-16, 2003
Event Program



**100 years of Pelican Island and
the National Wildlife Refuge System**



President Theodore Roosevelt

March 14, 1903—the day that changed the history of wildlife conservation in America. On that day, President Theodore Roosevelt issued an Executive Order establishing Pelican Island, located along the east coast of Florida, as a federal bird reservation. This act marked the first time that the federal

government set aside land for the primary purpose of conserving wildlife. Pelican Island and the refuges that followed would become America's only network of lands dedicated to wildlife conservation.

A century later, there are 540 national wildlife refuges protecting nearly 100 million acres of habitat across America. From bison to butterflies, and salmon to sandhill cranes, national wildlife refuges conserve land for more than 1,000 species of fish and wildlife. Refuges provide unparalleled recreational activities, including hunting, fishing, and wildlife observation. More than 35 million people visit national wildlife refuges each year to enjoy the wonders of nature.

The U.S. Fish and Wildlife Service, The Pelican Island Preservation Society, and our many partners and sponsors are proud to welcome you to the Celebration of a Century of Conservation and the 11th Annual Pelican Island Wildlife Festival. Join us as we begin a second century of wildlife conservation.



Table of Contents

- Centennial Kick-off Events 1
- Centennial Celebration Schedule 2
- Pelican Island National Wildlife Refuge
Commemorative Stamp 3
- Centennial Celebration Sponsors
and Partners 4
- Pelican Island Wildlife Festival
Saturday Schedule 5-7
- Pelican Island Wildlife Festival
Sunday Schedule 8, 11-13
- The Centennial Trail: *Welcoming the Public
on Pelican Island's 100th Birthday* 9-10
- Exhibitors and Vendors Directory 14-16
- Great Florida Birding Trail Guided Tours 17
- Festival Sponsors and Partners 19
- Pelican Island Preservation Society
Membership Application 20
- Pelican Island Wildlife Festival
Map of Riverview Park 21

Paul Kroegel, a German immigrant who settled in Sebastian, Florida in the late 1800s, was the first person to take an interest in protecting the pelicans and other birds of Pelican Island. He worked with noted conservationists of the day to help convince President Theodore Roosevelt to establish Pelican Island as our nation's first federal bird reservation. Kroegel became the first national wildlife refuge manager, for which he was paid \$12. He stayed at his post until 1926. After being retired from federal service, Kroegel remained in Sebastian, where he died in 1948.



George Nelson

Centennial Kick-off Events

Sunday, March 9 - Thursday, March 12

Sunday, March 9

12:00 noon - 4:00 pm

Ecofest

Environmental Learning Center, Wabasso

A pre-Centennial event featuring Pelican Island and the natural history of the Indian River Lagoon.

Wednesday, March 12

1:05 pm

Pelican Island Day

Dodgertown, Vero Beach

Learn about Pelican Island National Wildlife Refuge while watching the The LA Dodgers take on the New York Mets in a spring training match up. For ticket information, visit www.vbdodgers.com or call 772/569 4900.

Thursday, March 13

National Wildlife Refuge System

Time Capsule Exhibit Dedication

Indian River Mall, Vero Beach

12:30 - 1:00 pm

Bald Eagle Demonstration

Featuring Challenger the Bald Eagle

1:00 - 2:00 pm

Time Capsule Exhibit Dedication Ceremony

- U.S. Fish and Wildlife Service Director Steve Williams will unveil an exhibit showcasing artifacts from some of America's 540 national wildlife refuges.
- Entertainment by the Peabody Orlando Ducks and Jim Foote as Theodore Roosevelt.

2:00 - 4:00 pm

Centennial Activity Areas

- Tours of the National Wildlife Refuge System Time Capsule Exhibit by Dr. Mark Madison, U.S. Fish and Wildlife Service National Historian.
- Waldenbooks will host Edmund Morris, Winner of the Pulitzer Prize and author of *Theodore Rex*, and Karen Hollingsworth, whose photographs are featured in the new *Smithsonian Book of National Wildlife Refuges*, at a special Centennial book signing.
- Have your photo taken with the Blue Goose, symbol of the refuge system.
- Pelican Island Preservation Society raffle.
- Public exhibition of Pelican Island Wildlife Festival Youth Poster Contest and Pelican Island Commemorative Stamp coloring exhibition.

Centennial Celebration
Friday, March 14
Riverview Park, Sebastian

10:00 am - 12:00 noon

National Wildlife Refuge System Centennial Celebration

A celebration of American wildlife conservation hosted by Jack Hanna of *Jack Hanna's Animal Adventures* and featuring Voices of Liberty from the Walt Disney World® Resort, local singer Jernie Talles, and Jim Foote as Theodore Roosevelt. Also features a fly-over by Challenger the bald eagle, live wildlife demonstrations by Jack Hanna, the Sebastian River High School Band and video programs showcasing the National Wildlife Refuge System.

12:00 noon - 1:00 pm

Centennial Ceremony and U.S. Postal Service Commemorative Stamp First Day of Issue Ceremony

Secretary of Interior Gale Norton, U.S. Fish & Wildlife Service Director Steve Williams, and other conservation dignitaries are joined by the U.S. Postal Service to mark the 100th anniversary of Pelican Island National Wildlife Refuge and the National Wildlife Refuge System.

7:00 pm

Arlo Guthrie Concert

A free public concert featuring Pete Harris and Sebastian's own Arlo Guthrie. Sponsored by the Sebastian Area Chamber of Commerce.

9:00 pm

Fireworks Show

Sponsored by the City of Sebastian.

Special Exhibit Areas

- Visit the U.S. Postal Service booth to purchase Pelican Island National Wildlife Refuge Commemorative Stamp T-shirts, pins, tote bags, caps and cachets. Riverview Park is the only place in the country where the first day cover for this stamp is available.
- Don't miss an opportunity to talk with U.S. Fish and Wildlife Service staff from around the country, who will have exhibits about national wildlife refuges and other Service programs. Open 10:00 am - 2:00 pm
- See the Exhibition of Flags along Indian River Drive. All 540 national wildlife refuges and wetland management districts in the National Wildlife Refuge System are represented. Flags were sponsored in part by refuge staff, refuge Friends groups and volunteers of national wildlife refuges. For a list of refuges and wetland management districts whose flags were sponsored, go to pelicanisland.fws.gov.

Food vendors at Riverview Park throughout the day.

Pelican Island National Wildlife Refuge Commemorative Stamp

The United States Postal Service will issue a Pelican Island National Wildlife Refuge commemorative stamp on March 14, 2003 to honor the Centennial Celebration of the National Wildlife Refuge system of the U.S. Fish and Wildlife Service.



Affix stamp here

In conjunction with the National Centennial Celebration on March 14, 2003, the U.S. Postal Service will hold a First Day of Issue Ceremony at Riverview Park in Sebastian, Florida. This will be the first day this first-class stamp is sold, and on that day, Sebastian will be the only place in the country the stamp can be purchased and canceled. For each new stamp, the U.S. Postal Service generally selects a specific location as the place for the first day of issue dedication ceremony and the first day postmark. The new stamps generally are only sold in this location on the day of issue, and go on sale at post offices around the country the following day.

The stamp features a photograph of a brown pelican by Dr. James Brandt. Pelican Island first garnered national attention in the early 1900s as the last breeding ground for brown pelicans on the east coast of Florida. It was this national attention that led President Theodore Roosevelt to establish Pelican Island as the first official national wildlife refuge in the United States.

The commemorative stamp is a 37-cent First Class stamp with text at the bottom which reads "Pelican Island National Wildlife Refuge 1903-2003." The issuance of this stamp by the U.S. Postal Service signifies the importance of this event in American history.

Carl T. Herrman is the art director for the commemorative Pelican Island stamp and has been an Art Director for the U.S. Postal Service since 1992.

For more information on commemorative stamps and the U.S. Postal Service, go to www.usps.com.

Centennial Celebration Sponsors and Partners

AMC Indian River 24 Theaters

City of Sebastian

“Ding” Darling Wildlife Society

Disney’s Vero Beach Resort

Dodgertown

Environmental Learning Center

Eagle Optics

FLAUSA

Florida Floor Fashions

Florida Today

Indian River County

Indian River County Chamber of Commerce

Merritt Island National Wildlife Refuge

National Fish and Wildlife Foundation

Orchid Island Juice Company

Pelican Island Elementary School

Pelican Island Preservation Society

Press Journal

Sebastian Airport

Sebastian River Area Chamber of Commerce

Sebastian River Boat Tours

Sebastian River High School

Sebastian River Medical Center

School District of Indian River County

Simon-Indian River Mall

The Conservation Fund

Treasure Coast Refuse

U.S. Fish and Wildlife Service

U.S. Postal Service

Vero Beach Book Center

VisitTitusville.com

Waldenbooks

Walt Disney World Co.

WAVE Country 92.7 FM

WGYL - FM 93.7

Pelican Island Wildlife Festival
Saturday, March 15; 9:30 am – 4:00 pm
Riverview Park, Sebastian



Saturday's Features

- Jack Hanna of *Jack Hanna's Animal Adventures*
Live Wildlife Show, 12:00 noon
 - U.S. Postal Service Pelican Island
Commemorative Stamp Booth
 - Special Centennial Book Signings at the
Vero Beach Book Center Booth
 - Public Exhibition of the Photography Contest Entries
and the Student Poster Contest Entries
 - Centennial Raffle at the Pelican Island Preservation
Society Booth; items include:
 - Spotting scope with tripod and scope carrier;
Commemorative Centennial "Pelican" Binocular;
Birder's vest; and Field Guide donated by Eagle Optics
 - Kayak, paddle and life jacket donated by Kayaks etc.
- Raffle proceeds support refuge projects.*
Drawing Sunday at 3:00 pm.

See map on back cover for location of all events.

Main Stage

9:30 am

Opening Ceremonies and Welcome by Paul Tritaik,
Refuge Manager, Pelican Island National Wildlife Refuge

9:45 am

Release of a rehabilitated brown pelican

10:00 am

Ma Jaya River School Music Ensemble

11:00 am – 11:15 am

The Feather Wars Skit

11:15 am – 11:40 am

Keynote Speech: Jim Foote as President Theodore Roosevelt

12:00 pm – 1:00 pm

Live Wildlife Presentation by
Jack Hanna of *Jack Hanna's*
Animal Adventures

1:00 pm

Live music by The Shade Tree
Pickers – *Bluegrass*

1:45 pm

Live music by Blue Eyed Monsters
– *The Story of Pelican Island Song*
and other Contemporary Music



Jack Hanna

© Rick Prebeg

2:30 pm

Live music by Rich Mermer and Larry Smith –
Finger style guitarist and instrument builder

3:15 pm

Live music by Charlie Cowles
Guitarist and master musician

Center Stage

1:00 pm

100th Birthday Party for Pelican Island
National Wildlife Refuge – cake served

2:30 pm

Live Birds of Prey Presentation
The Avian Reconditioning Center, Scott and Carol
McCorkle, Falconer and Wildlife Rehabilitators

Kid's Activity Area

Environmental Education Activities

10:00 am – 4:00 pm

- Earn a Jr. Refuge Manager Badge
- Make Centennial Wildlife Buttons
- Make a Manatee
- Bird Beaks
- Mama Fauna's Pizzeria
- Fossil Find
- Wildlife Puppet Show
- Migration Headaches

Wildlife Seminars

10:00 am – 11:00 am

Pelicans and Other Water Birds of Pelican Island
Steve Nesbitt, Florida Fish and Wildlife Conservation
Commission

11:30 am – 12:30 pm

The Great Florida Birding Trail
Lori Haynes, Florida Fish and Wildlife Conservation
Commission

1:00 pm – 2:00 pm

“Let's Go Wild”

A Multimedia Presentation of the National Wildlife
Refuge System – Karen Hollingsworth (Don't miss
Karen at the Centennial book signing.)

Saturday, March 15; 9:30 am – 4:00 pm

2:30 am – 3:30 pm

The History of Pelican Island

Paul Tritaik, Refuge Manager, and
Ruth Stanbridge, County Historian

Boat Tours

*Sponsored by Harbor Princess Touring Adventures.
Tickets and departure at the Yacht Club across from
Riverview Park.*

Every 1 1/2 hour from 10:00 am – 3:30 pm

Pelican Island Tour (1 hour)

Tours sold on first come, first serve basis; \$5/person

Kayak Tours

Sponsored by Kayaks etc.

9:30 am and 1:00 pm

Pelican Island Eco-tour (2 1/2 hours, weather
dependent); \$20/person

Every hour from 10:00 am – 3:00 pm

Indian River Lagoon Spoil Island Tours (1 hour)
\$10/person

All day from 10:00 am – 4:00 pm

Free Kayaking Demonstrations

At The Environmental Learning Center (ELC)

Kenn Kaufman (nationally known birder and conservationist)

*Directions: From Wabasso on US1, turn east on CR 510.
Turn right on Wabasso Island Lane before the tall
bridge. ELC is on the right.*

3:30 pm – 4:30 pm

Butterfly Seminar: A Birder Looks at Butterflies

5:00 pm – 6:30 pm

Pelican Island Sunset Bird Watching Boat Tour

At Pelican Island National Wildlife Refuge

Pelican Island Viewing Area First Day of Opening

The Centennial Trail and Observation Tower
to view Pelican Island

Open from 7:30 am to sunset

*Directions: US 1 to 510 east to A1A, 3.7 miles north on
A1A, turn left onto Historic Jungle Trail, .6 miles, turn
right into the Viewing Area.*

Sunday, March 16; 9:30 am – 4:00 pm

Sunday's Features

- Jim Fowler of *Wild Planet*
Live Wildlife Show, 12:00 pm
 - U.S. Postal Service Pelican Island
Commemorative Stamp Booth
 - Special Centennial Book Signings at the
Vero Beach Book Center Booth
 - Public Exhibition and Awards Presentation of the
Photography Contest Entries and the Student Poster
Contest Entries
 - Pelican Island Centennial Raffle at the
Pelican Island Preservation Society Booth
 - Spotting scope with tripod and scope carrier;
Commemorative Centennial “Pelican” Binocular;
Birder’s vest; and Field Guide donated by Eagle Optics
 - Kayak, paddle and life jacket donated by Kayaks etc.
- Raffle proceeds support refuge projects.
Drawing Sunday at 3:00 pm.*

See map on back cover for location of all events.

Main Stage

9:30 am

Welcome by Paul Tritaik, Refuge Manager
Pelican Island National Wildlife Refuge

9:45 am

Release of a rehabilitated brown pelican

10:00 am

Pelican Island Elementary School program

11:00 am – 11:15 am

The Feather Wars Skit

11:15 am – 11:40 am

Keynote Speech: Jim Foote as President Theodore
Roosevelt

12:00 pm – 1:00 pm

Live Wildlife Presentation by Jim Fowler of *Wild Planet*

1:00 pm

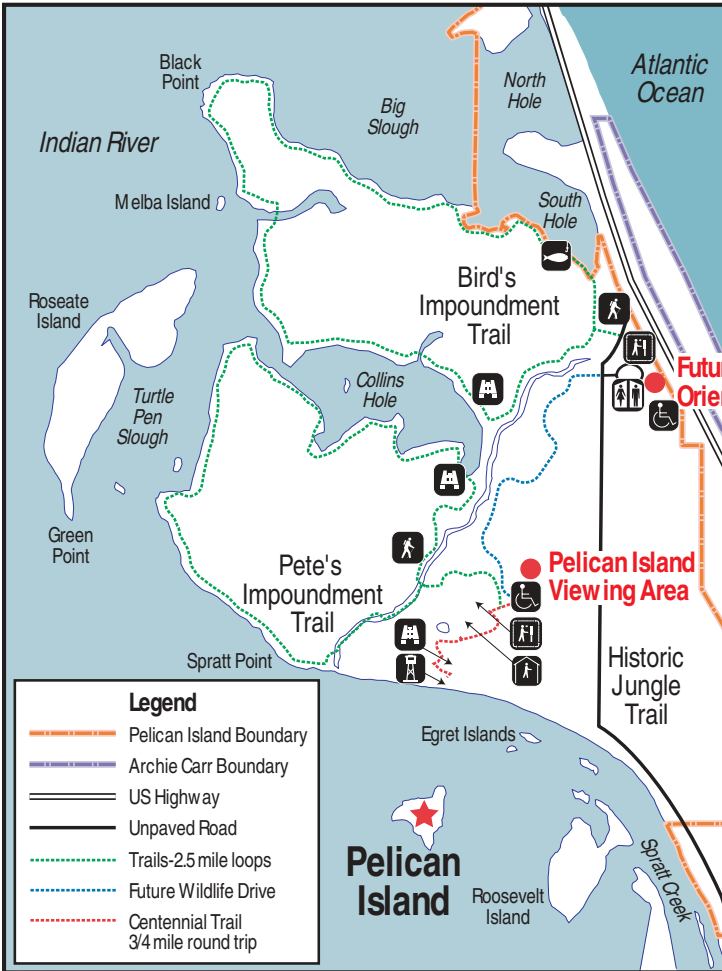
Live music by Barry Brogan - *Finger style and slide
guitarist who just can't get enough of the blues*

The Centennial Trail: Welcoming the Public on Pelican Island's 100th Birthday

Most of America's 540 national wildlife refuges offer a variety of wildlife dependent recreational opportunities for the public. However, for the past 100 years, the only way to experience Pelican Island National Wildlife Refuge has been by boat.

To mark the 100th anniversary of Pelican Island and the National Wildlife Refuge System, the refuge and Indian River County will open new public facilities on refuge lands near the original island. The new facilities include parking areas, restrooms, foot trails, fishing areas, and The Centennial Trail, a 3/4 mile boardwalk with an 18 foot observation tower to view Pelican Island.

Pelican Island Public Facilities Area



The Centennial Trail will offer the public its first opportunity to view Pelican Island from land. In addition, the trail winds through newly restored habitat, interprets the history of the refuge system and features a timeline of the creation of our nations 540 national wildlife refuges.

The public is invited to visit the Centennial Trail at the Pelican Island Viewing Area during the Wildlife Festival, where staff and volunteers will be on-hand to explain the history of the refuge system and Pelican Island. The new facilities will be open daily thereafter from 7:30 am to sunset.

These partnerships have made the new refuge public facilities possible:

Caterpillar, Inc.

ConocoPhillips

Florida Department of
Environmental Protection

Florida Inland Navigation District

Florida Power and Light Co.

Florida Youth Conservation Corps.

Indian River County

Kennedy Groves

Lewis Environmental Services, Inc.

National Fish and Wildlife Foundation

National Park Service

Save America's Treasures Grant

National Sierra Club Outings Program

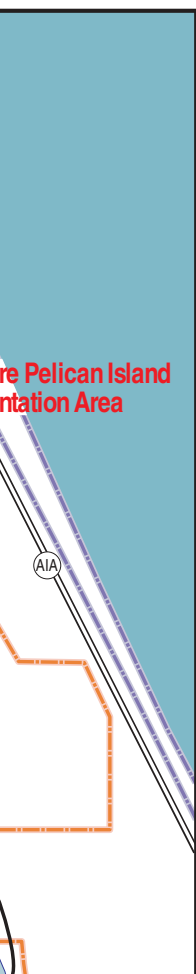
Pelican Island Preservation Society

Rollins College, Brevard Campus
Environmental Studies Program

St. Johns River Water
Management District

U.S. Postal Service

Wild Birds Unlimited, Inc.
Pathways To Nature Program



Sunday, March 16; 9:30 am – 4:00 pm

1:45 pm

Live music by Doug Moss - *Fine singer and guitarist that will cover all your contemporary favorites*

2:30 pm

Live music by Jazzmin - *This trio will be performing all your jazz favorites*

3:15 pm

Live music by Harp and Harmony - *Peggy and Tim Behrendt perform as a duo on harp, keyboard and harmonica*

Center Stage in Park

1:00 pm

100th Birthday Party for Pelican Island National Wildlife Refuge – cake served

1:30 pm

Amateur 'Natural Florida' Photography Contest Awards Presentation
First Place Prize
Sponsored by Eagle Optics

Youth Environmental Poster Contest Awards Presentation

3:00 pm

The Pelican Island Centennial Raffle Drawing *Sponsored by Eagle Optics and Kayaks etc.*

3:15 pm

Live Florida Turtles, Snakes and Alligator Presentation *Pat and Jerry Loll, Wildlife Rehabilitators*

Centennial Book Signings

Stop by the Vero Beach Book Center Booth to pick up a schedule of Centennial book signings happening throughout the weekend. Nationally acclaimed authors will be featured, including:

- Edmund Morris, who will sign copies of *Theodore Rex*. Morris won a Pulitzer Prize and the American Book Award for his first volume on Theodore Roosevelt, *The Rise of Theodore Roosevelt*.
- Karen Hollingsworth will autograph copies of the new *Smithsonian Book of National Wildlife Refuges* which features her photography.
- Kenn Kaufman, one of the world's best-known bird experts, will sign copies of *The Birds of North America*, *Butterflies of North America*, and *Kingbird Highway*.

Additional authors will be signing copies of their works.



Kid's Activity Area

Environmental Education Activities

10:00 am – 4:00 pm

- Earn a Jr. Refuge Manager Badge
- Make Centennial Wildlife Buttons
- Make a Manatee
- Bird Beaks
- Mama Fauna's Pizzeria
- Fossil Find
- Wildlife Puppet Show
- Migration Headaches

Wildlife Seminars

10:00 am – 11:00 am

Florida Panther Life History & Conservation

Darrell Land, Florida Fish and Wildlife Conservation Commission

11:30 am – 12:30 pm

“Let's Go Wild”

A Multimedia Presentation of the National Wildlife Refuge System – Karen Hollingsworth

1:00 pm – 2:00 pm

South Florida's Endangered Species

Tylan Dean, U.S Fish and Wildlife Service, Ecological Services

2:30 am – 3:30 pm

The Indian River Lagoon

Ed Garland, St. Johns River Water Management District

Boat Tours

*Sponsored by Harbor Princess Touring Adventures.
Tickets and departure at the Yacht Club across from
Riverview Park*

Every 1 1/2 hour from 10:00 am – 3:30 pm

Pelican Island Tour (1 hour)

Tours will be sold on a first come, first serve basis;
\$5/person

Sunday, March 16; 9:30 am – 4:00 pm



US Fish & Wildlife Service

Pelican Island

Kayak Tours

Kayak Tours, sponsored by Kayaks etc.

9:30 am and 1:00 pm

Pelican Island Eco-tour (2 1/2 hours, weather dependent); \$20/person

Every hour from 10:00 am – 3:00 pm

Indian River Lagoon Spoil Island Tours (1 hour)
\$10/person

All day from 10:00 am – 4:00 pm

Free Kayaking Demonstrations

At The Environmental Learning Center (ELC)

Kenn Kaufman

(nationally known birder and conservationist)

Directions: From Wabasso on US1, turn east on CR510. Turn right on Wabasso island lane before the tall bridge. ELC is on the right. For more information, call the ELC at 772 589 5050.

7:30 am – 9:00 am

Pelican Island Sunrise Bird Watching Boat Tour

9:30 am – 10:30 am

Butterfly Seminar: A Birder Looks at Butterflies

At Pelican Island National Wildlife Refuge

Visit Pelican Island Viewing Area Opening Weekend

The Centennial Trail and Observation Tower
to view Pelican Island

Open from 7:30 am to sunset

Directions: US 1 to 510 east to A1A, 3.7 miles north on A1A, turn left onto Historic Jungle Trail, .6 miles, turn right into the Viewing Area.

Exhibitors and Vendors Directory

*A Special Thanks to All Our Exhibitors
Who Make This Festival a Success*

Environmental Education, Nonprofit, Historical

Audubon of Florida
Caribbean Conservation Corporation
City of Palm Bay—Turkey Creek Sanctuary
Cultural Council of Indian River County
Ducks Unlimited
ECO Troop Pelican Island Elementary
EEL Program
Environmental Learning Center
Florida Tech – School of Management
Friends of Historic Roseland
Friends of St. Sebastian River
Indian River County Cooperative Extension Service
Indian River Lagoon Program
Kashi Foundation
Keep Indian River Beautiful
Ma Jaya River School
Manatee Observation and Education Center
Marine Resources Council
Noah's Notes
Pelican Island Audubon Society
Savannas Reserve Endowment
St. Sebastian River Buffer Preserve
Sea Turtle Preservation Society
Sebastian Area Historical Society Inc.
Sebastian Inlet State Park
Sebastian Inlet Power Squadron
Sebastian River Medical Center – First Aid Booth –
Festival Sponsor
Turtle Coast Group Sierra Club
U.S. Coast Guard Auxiliary # 56
U.S. Mint
U.S. Postal Service
Walter Obermayr

Live Wildlife and Touch Tanks

Florida Bat Center
Harbor Branch Oceanographic Institution
Pat and Jerry Loll's Live Wildlife
Smithsonian Marine Station at Ft Pierce
The Avian Reconditioning Center
Treasure Coast Herpetological Society
Treasure Coast Wildlife Hospital

Exhibitors and Vendors Directory

U.S. Fish and Wildlife Service, National Wildlife Refuges, Nonprofit Refuge Friends Groups

Archie Carr National Wildlife Refuge
Arthur Marshall Loxahatchee National Wildlife Refuge
Blue Goose Alliance
Chassahowitzka National Wildlife Refuge
“Ding” Darling Wildlife Society
Federal Association of Refuge Officers
Florida Panther National Wildlife Refuge
Friends of the Carr Refuge
Friends of the Chassahowitzka National Wildlife Refuge
Friends of the Florida Panther Refuge
J. N. “Ding” Darling National Wildlife Refuge
Lower Suwannee National Wildlife Refuge
Loxahatchee Natural History Association
Merritt Island National Wildlife Refuge
Merritt Island Wildlife Association
National Wildlife Refuge Association
National Key Deer Refuge
Okefenokee National Wildlife Refuge
Pelican Island National Wildlife Refuge
Pelican Island Preservation Society
St. Marks National Wildlife Refuge
St. Vincent National Wildlife Refuge
U.S. Fish & Wildlife Service – Ecological Services
U.S. Fish & Wildlife Service – Partners for Fish and Wildlife Program
U.S. Fish & Wildlife Service – Law Enforcement

As a special feature for the Centennial, more than thirty exhibits representing national wildlife refuges and other U.S. Fish and Wildlife Service activities will be displayed.

Commercial

Beach Cove Sebastian*
Eagle optics*
Florida Today*
Kayaks etc*
Mary Kay Cosmetics
Peak Performance Co.*
Press Journal*
Seabird Publishing Inc.
Sebastian River Boat Tours*
Vero Beach Book Center – Book Signings

** Festival sponsor*

Exhibitors and Vendors Directory

Arts & Crafts

Art by Joan – Joan Turner
Art Petite – Anita Dimon
Artworks by Lydia – Lydia Thompson
Authentic Wildlife Creations – Chester Zaremba
Candi & Spice Ceramics & Pottery – Lois Santara
Carl Mett
Chainsaw Art by George – George Hewitt
Corian Creations – Douglas B. Stewart
Debby Holly
Downstairs Gallery – Marlene Comiltino
Garden Critters – Lori Watson
Gloria Renneker
Ironwork – Karon Irons
James Nevins/Bob Montanaro
Jim Angy's Wildlife Photography
John Goss
Kevin Doxstater Photography
Linda Munford
Lisanne Monier
Loufer Ink – Fern Doodman
Nature in Primitive – Engor L. Maggard
Marti Meyer
Patrik McMullen Photographer Artist
Pop Bottle Art – Bob Kirby
St. Augustine Art & Gift Corp.
Stephen E. Gasnell
The Art of Damien Share
The Natural Garden – Laura Parkel
Troia Photography
Unique Art by R.T.

Food

Bono's Barbeque & Grill
Fins Grill & Raw Bar
Geo Bella Concessions
Italian American Club
Long Horn Kettle Korn
Mellisa's Gourmet Bakery
Vero Lake Volunteer Fire Dept.

Great Florida Birding Trail Guided Tours
Saturday, March 15 and Sunday, March 16

*Organized by the Pelican Island Audubon Society
and the Environmental Learning Center*

Pre-registration required, space is limited.

Call Audubon at 772/567 3520 for information and to pre-register. After Friday, 12:00 noon, March 14th, pre-register at the Pelican Island Audubon Society booth in Riverview Park.

Directions also available at Audubon booth.

8:00 am – 11:00 am

Sebastian Inlet State Park

Tour begins on the North Entrance with light walking tour to see wading and shore birds, ocean view and mangroves for migratory songbirds.

Guide Billi Wagner

8:00 am – 11:00 am

Blue Cypress Conservation Area

Canoeing a trail developed by Sebastian High School Students in impounded marshes harboring migratory birds, resident ducks, and wading birds including limpkins. Canoes and gear will be provided.

Guide George Anderson

8:00 am – 11:00 am

Indian River County Wetlands Treatment Facility

Visit boardwalk and overlook system for an excellent view of wading birds, ducks, and shorebirds.

Guides Patrick Pitts and Denny Coats

8:00 am - 12:00 noon

T. M. Goodwin Waterfowl Management Area

Walk around dikes to view ducks, shorebirds, hawks, swallow-tailed kites, crested caracara.

Guide Roy Brook

8:00 am- 12:00 noon

St. Sebastian River State Buffer Preserve

(North Entrance)

Ride in back of pickup and some walking to observe Bachman's sparrow, scrub-jays, red-cockaded woodpeckers, migratory songbirds, and swallow-tailed kites.

Guide David Simpson

5:00 pm – 6:30 pm Saturday / 7:30 am – 9:00 am Sunday
Environmental Learning Center

A pontoon-boat ride to Pelican Island to observe storks, pelicans, egrets, and other birds.

Guide Kenn Kaufman

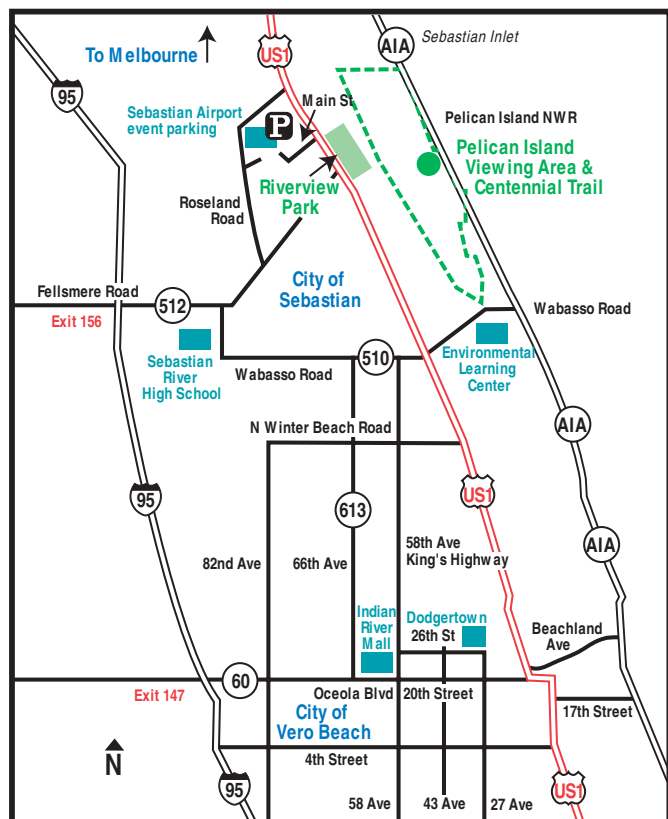
8:00 am- 12:00 noon Sunday only

Oslo Riverfront Conservation Area (ORCA)

Canoe on the backwaters of the Indian River Lagoon to visit a major Florida rookery. Canoes and gear provided to observe shore and wading birds nesting.

Guides Richard Baker and Alice Rowe

Area Events Map



Festival Sponsors and Partners

Festival Sponsors



Kayaks etc.



Additional Sponsors:

Beach Cove Sebastian ■ *Disney's Vero Beach* Resort
 Eco-Florida Magazine ■ Florida Floor Fashions
 Florida Today ■ Garden Club of Indian River County, Inc.
 Noah's Notes ■ Peg Rondeau ■ Phil and Karen Morgan
 Publix Supermarket ■ Orchid Island Juice Company
 Sam's Club ■ School District of Indian River County
 Spectrum Interior Design

Festival Partners

Captain Dick Catri ■ City of Sebastian ■ Environmental
 Learning Center ■ Florida Fish and Wildlife
 Conservation Commission ■ Florida Tech ■ Indian River
 County ■ Indian River County Chamber of Commerce
 Keep Brevard Beautiful ■ Keep Indian River Beautiful
 Pelican Island Audubon Society ■ Sebastian Inlet State
 Park ■ Sebastian River Area Chamber of Commerce
 U.S. Postal Service ■ Vero Beach Book Center

Pelican Island Preservation Society Membership Application



Please check one:

- ☐ Student (under 18) - \$5 per year
- ☐ Individual - \$10 per year
- ☐ Family (Joint) - \$15 per year
- ☐ Contributing - \$50 per year
- ☐ Corporate/Business - \$100 per year
- ☐ Supporting - \$250 per year
- ☐ Life - \$500

Name(s): _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____

E-mail: _____

Send completed application and dues to:

PIPS Membership

PO Box 1903

Sebastian, Florida 32978-1903

The Pelican Island Preservation Society, Inc. is an environmental education organization established in 1995 to heighten the awareness of and support for Pelican Island National Wildlife Refuge.

Riverview Park, Sebastian

US1



No public parking at Riverview Park
Satellite parking at Sebastian Airport
with continuous shuttle bus service

Yacht Club
Boat Tours



Indian River Drive
Road closed

Shuttle bus
dropoff/pickup



Coolidge Street



Hess Gas
Station



Exhibitor and
Event Staff
Parking only

Shuttle bus
dropoff/pickup



Sebastian Blvd. CR 512 - Road closed



Book
Signings



Seminars



EXHIBIT AREA

Center
Stage



Photo/poster
Contest



Paul Kroege
Statue



Pelican Island
Preservation Society



US Postal
Service



Food
vendors



Disabled Parking



Harrison Street
Road closed



Volunteer/VIP
Tent



First Aid
Station



Veterans Memorial

Main
Stage



Indian River Drive
Road closed

US1

Key



Event Information



Parking



Public Restrooms



Indian River Drive
Road closed

**EXHIBIT K
TO DECLARATION OF
BEN LIZDAS**

CELEBRATING A
CENTURY
of CONSERVATION
1903 - 2003

PELICAN 8x25



\$69⁹⁹



On March 14, 2003, Americans celebrated a century of wildlife conservation that began when President Theodore Roosevelt declared that tiny Pelican Island in Florida's Indian River be protected forever as a safe haven for pelicans and other species of birds. This was the birth of America's best kept secret...our National Wildlife Refuges. This network of vitally important lands specifically set aside for wildlife now includes almost 540 refuges encompassing 95 million acres. Over the past century, these lands have played a quiet but critical role in the protection of our nation's wildlife and wild places. Show your support of our National Wildlife Refuges and accentuate your love of the outdoors by purchasing the 8x25 Pelican. A significant portion of each Pelican sale will be donated to the National Wildlife Refuge System. The National Fish & Wildlife Foundation will match each dollar raised, and our goal is to reach \$150,000.00 to support refuge projects.

EAGLE OPTICS®
800-289-1132 / www.eagleoptics.com
2120 W. Greenview Dr. · Middleton · WI · 53562

**EXHIBIT L
TO DECLARATION OF
BEN LIZDAS**

Eagle Optics

National Wildlife Refuge System
Centennial Partnership Award
March 14, 2003



Karen Hollingsworth

*Launching a second century of
wildlife conservation together*



CELEBRATING A
CENTURY
of CONSERVATION